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REPORT

ON

The Meteorology of India

IN

1878.

BY

HENRY F. BLANFORD, F.R.S.,

METEOROLOGICAL REPORTER TO THE GOVERNMENT OF INDIA.

FOURTH YEAR.

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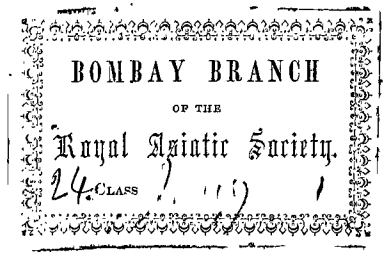
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JOHN ELIOT, M.A.
OFFICIATING METEOROLOGICAL REPORTER TO THE GOVERNMENT OF INDIA

THIRD YEAR.

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OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC

REPORT

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METEOROLOGY OF INDIA IN 1877.

THE present is the third Annual Report issued by the Indian Meteorological Department. It deals with the same area as the preceding Reports, but districts hitherto inadequately represented have received their full complement of observatories during the year. Thus in Western India several observatories, including those of Bikanir, Surat, Hyderabad, Malegaon and Rajkot, were opened. British Burma, another district which has hitherto been almost a closed meteorological field, is rapidly being occupied. Observatories at Thyetmyo, Tounghoo, and Mergui were equipped, and commenced the work of observation in the latter half of the year. The registers from the majority of the newly-established observatories are more or less incomplete for the year. As in the preceding two years, abstracts of the registers of eight stations in Ceylon, for which the Department is indebted to the Surveyor General of Ceylon, have been incorporated in the Report with a view to a more complete representation of the Indian area. The rainfall tables (more especially the table giving monthly and annual average rainfall) again exhibit a considerable extension. This has mainly been due to the interest which the deficient rainfall of the past two years has excited in the question of the secular and periodic distribution of rainfall in India. Great progress has consequently been made in bringing together the rainfall records of past years. The records of the principal stations of Burma, as far back as the year 1870, have been communicated to the Meterological Office by the Chief Commissioner. The rainfall returns of the Burmah Stations in a few cases go back to earlier dates. All the old rainfall registers of the Madras Presidency, by the order of the Madras Government, have been lent to the Meteorological Office. From these sources the average rainfall of two large and important portions of the Indian monsoon region has been obtained for the first time, and is given in the present Report.

The meteorology of the year 1877 presents a combination of features of unusual interest. It was a year of abnormal irregularity in every element of meteorological observation. For the first time since the commencement of systematic observation, there has been, for a lengthened period, persistent high pressure over the whole of the Indian area. The latter part of the hot season and the rainy season of the year, moreover, witnessed the development of a belt, or ridge, of abnormally high pressure across the head of the Peninsula proper, to the north of which, in the Punjab, Rajputana and the North-Western Provinces, the rains of the south-west monsoon almost entirely failed;

occasional light showers occurred, but they were utterly insufficient to enable the usual seasonal agricultural operations to be carried on. This complete failure of the rains was followed by copious precipitation in October and the cold weather months, which happily arrested the threatened famine, due to the general failure of the hot weather crops in Upper India.

In Northern India, during the greater part of the rains, the Bay of Bengal monsoon-current, probably not very strong, was steadily diverted to the east. As Mr. Blanford remarks in the introductory chapter to his Report of the Meteorology of 1876, the almost complete failure of the summer monsoon-rainfall in Upper India was accompanied by excessive rainfall in the eastern portion of the Bay of Bengal and over the Burmese Peninsula.

In Southern India, which was visited in 1876 and the early months of 1877 by a widespread and prolonged drought and famine, general rain, copious in amount, commenced in September, and continued during the cold weather, and thus terminated one of the most fatal and disastrous natural calamities of recent years in India.

The irregularities of the past year have consequently been extremely large and massive. For such irregularities some physical explanation seems to be imperatively required. The remarks of Mr. Blanford on the subject contained in last year's Report may bear repetition in connection with the subject. He points out that the variations from the normal meteorological conditions over a large area are generally compensating in character; in other words, that excess in one region is balanced by defect in another. The principle seems almost self-evident and by no means new. It was very happily employed by Professor Tyndall when he suggested that the excessive cold of the glacial epoch in certain regions must necessarily have been accompanied by abnormal heat in other regions, to produce the copious evaporation necessary for the production of aqueous vapour, antecedent to its conversion into snow. No one can study the meteorology of a large area like that of India for several years, and fail to perceive that the irregularities are mainly compensatory in character. And the probabilities, founded on the fact of the more extended applicability of the principle as the area of observation is increased, are very considerable, that the compensation would become more exact if the surface of the whole earth were taken into consideration. There may be a residual action or uncompensated irregularity, due to periodic changes in the amount and character of solar radiation. There can be no doubt that any periodicity in the great cause of terrestrial atmospheric changes—solar radiation—will tend to impress a corresponding periodicity upon the elements of terrestrial meteorological observation. But, so far as can be judged from the observation of the magnitude of the sun-spots, the cyclical variation of the magnitude of the sun's face free from spots is very small compared with the surface itself; and consequently, according to mathematical principle, the effect on the elements of meteorological observation for the whole earth ought also to be small, and proportional to the amount of variation of the solar radiation. That this is probably the case is indicated by a statement given in Mr. Blanford's Report of last year, that Mr. Meldrum's last and most careful researches show that the total cyclical variation of the rainfall does not exceed 15 per cent. upon the whole. This estimate of the amount of the variation would very probably be considerably reduced if it were possible to take into account the rainfall over the oceanic as well as the land area; for theory suggests that excess in the one would probably be accompanied by deficiency in the other.

The known cyclical variation of the number of sun-spots, and therefore of the amount of solar radiation, can therefore, at the best, only account directly for a small and residual portion of the actual irregularities of rainfall, &c., observed in a large area like India. It is, however, probable that at one part of the sun-spot period, one effect of the variation of solar radiation may be to exaggerate local irregularity (*i. e.*, to give larger oscillations about the mean than usual), and it is also possible that, in consequence of local, geographical or other peculiarities, these exaggerated local irregularities may tend in certain cases to recur at the same parts of the earth's surface. So far as I have been able to investigate the evidence for and against the connection between the sun-spot period and rainfall and other phenomena, it has confirmed this conclusion or hypothesis.

I have in the following pages endeavoured, so far as possible, to trace out separately the more important meteorological irregularities during the year, and also their connection and mutual interdependence; and, finally, to ascertain what physical causes or actions were at work in India itself sufficient to explain them. The great difficulty throughout meteorological investigation is to separate cause and effect in meteorological phenomena. Cause and effect are inextricably mixed together. Thus, to give a single example, a difference of pressure gives rise to motion, but the motion immediately alters the pressure relations. This is mainly due to the fact that the problems presented by meteorology are dynamical and not statical in character. Hence also arises the difficulties inherent to the discussion of meteorological phenomena of definite geographical areas, apart from those of the neighbouring regions. Throughout the Report I have confined myself to the discussion of the phenomena of the year in India in their mutual relations and actions, and have reserved for further discussion, when there is an ampler supply of materials than at present, the important question whether minimum sun-spot years are accompanied by an exaggeration of irregularities and by a marked tendency of the same irregularity to occur at such periods over the same portion of the earth's surface.

Description of the Stations.

The Report for 1875 contains a general description of the physical geography of India, Ceylon and Burma, in which the leading geographical features, and their relations to the meteorology of the country, are fully discussed. It is unnecessary to repeat this in the present Report, or to give the brief descriptions of stations which have already appeared in the Reports for 1875 and 1876.

The table of latitudes, longitudes, and elevations of the barometers of the meteorological reporting stations is, however, repeated for the sake of easy reference. The elevations in the great majority of stations have been determined by spirit-levelling from bench-marks of the Great Trigonometrical Survey spirit-levelling operations, and are in such cases accurate, the probable error certainly not exceeding one foot. The elevations of a few stations given in the Report appear to be doubtful, although, so far as I can learn, they have been ascertained with care. The preparation of the daily charts for several months seems to indicate that the continuous low barometric readings at Malegaon and Amraoti, and the high readings at Peshawar, Buldana, Sironcha, and perhaps Chanda, are not due to persistent abnormal variations, but to some as yet undetected error in the determination of the heights of the barometers at these stations. The difficulty in the exact determination of these stations arises from the fact that they are at very considerable distances from the lines of the spirit-levelling operations of the Great Trigonometrical Survey.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories.*

STATIONS.	Latitude, north.	Longitude, east.	Elevation, in feet, above mean sea-level.	Level determined.	How determined.	Authority for elevations.
Bushire ...	28° 59′	50° 49′	25	Barometer ...	.....	Col. Ross.
Leh ...	34° 10′	77° 42′	11538	Observatory ...	Trigonometrically by G. T. Survey.	Capt. Trotter.
			11502·96	Barometer cistern ...	By spirit level to G. T. Survey B. M.	J. B. Morris, Esq., C.E.
Peshawar ...	34° 2	71° 37′	1110·4*	Barometer cistern, Police hospital.	Ditto ditto ...	Bomford Lovett, Executive Engineer, Hazara Division.
Murree ...	33° 40′	73° 8′				
Rawalpindi ...	33° 4′	73° 5′	1652·24	Barometer cistern, Civil dispensary.	.....	J. B. Morris, Esq., C.E.
Sealkot ...	32° 29′	74° 35′	829·47	Plinth of City hospital...	Levelled 1 mile to bridge	Major-Genl. J. D. Campbell, R.E.
Lahore ...	31° 34′	74° 20′	731·89	Barometer cistern ...	Measured from G. T. Survey B. M.	Lala Sagur Mull.
Ludhiana ...	30° 55′	75° 54′	805·62	Mercury of bar. cistern	Levelled from rails at Kacheri road-crossing.	J. C. Sarkar, Executive Engineer.
Simla ...	31° 6′	77° 12′	6952·74	Ditto ditto ...	.....	Executive Engineer, Hill Roads Division.
Delhi ...	28° 40′	77° 16′	717·81	Ditto ditto ...	Levelled from B. M. Cabul Gate.	J. C. Sarkar, Executive Engineer.
Sirsa ...	29° 32′	75° 6′	661·61	Mercury of bar. cistern, Jail dispensary room.	By spirit level to G. T. Survey B. M.	R. K. Mookerjea, Supervisor.
Dera Ismail Khan	32° 0′	71° 5	572·555	Mercury of bar. cistern	Ditto ditto ...	Major Thorold.
Mooltan ...	31° 10′	71° 33′	420·19	Ditto ditto ...	.....	J. D. Davis, Esq., C.E.
Ajmere ...	28° 26′	74° 37′	1632·	Ditto ditto ...	By spirit level to Railway station.	
Chakrata ...	30° 40′	77° 55′	7051·58	Ditto ditto.		
Dehra ...	30° 20′	78° 8′	2232·4	Ditto ditto ...	G. T. Survey by spirit level	J. B. N. Henessey, Esq.
Roorkee ...	29° 52′	77° 56′	886·63	Ditto ditto ...	By spirit level to two G. T. Survey spirit-level bench-marks.	Executive Engineer, Saharanpur.
Ranikhet ...	29° 38′	79° 29′	6068·75	Ditto ditto ...	From G. T. Survey B. M....	S. A. Hill, Esq.
Meerut ...	29° 41′	77° 41′	737·48	Ditto ditto.		
Bareilly ...	28° 21′	79° 27′	568·47	Ditto ditto ...	.....	Commissioner of Rohilkand.
Agra ...	27° 10′	78° 5′	555·44	Top of bar. cistern ...	By spirit level to B. M. of G. T. Survey.	Sub-Overseer Mustaq Ahmed.
Lucknow ...	26° 50′	81° 0′	369·4	Barometer cistern ...	By measurement to G. T. Survey B. M. on Museum building.	Dr. Bonavia.
Gorakhpur ...	26° 46′	83° 18′	255·93	Ditto ditto.		
Jhansi ...	25° 27′	78° 37′	859·8	Ditto ditto ...	.....	Secy., N. W. P., P. W. D.
Nowgong ..	...	...	769·69	Ditto ditto ...	Levelled to G. T. Survey B. M.	Executive Engineer, Bundelkhand Roads.
Sutna ...	24° 34′	80° 52′	1040·1	Barometer ...	By spirit level to Railway station.	S. A. Hill, Esq.
Allahabad ...	25° 26′	81° 52′	306·68	Barometer cistern ...	By spirit level to G. T. Survey B. M. in Fort.	Secy., D. P. W., N. W. P.
Benares ...	25° 20′	83° 2′	266·97†	Bottom of bar. cistern...	By spirit level to G. T. Survey spirit-level B. M.	Ditto ditto.
Sibsagar ...	26° 59′	94° 40′	332·	Ditto ditto ...	Measured from G. T. Survey B. M.	M. Mookerjea.
Goalpara ...	26° 11′	90° 40′	386·	Barometer cistern ...	By spirit level to G. T. Survey B. M.	
Darjeeling ...	27° 3′	88° 18′	6912·	Ditto ditto (approx.)	Ditto ditto ...	Electric Telegraph Master.
Purneah ...	25° 50′	87° 34′	125·	? ...	Ditto ditto at Church	Dr. Picachy.
Durbhanga ...	26° 0′	86° 0′	166·32			
Patna ...	25° 37′	85° 8′	179·	Barometer cistern ...	By spirit level to Railway station G. T. Survey B. M.	H. F. Blanford, Esq.

* Erroneously given at 1389·21 in the Report of 1876.
† Erroneously given at 267·61 in the Report of 1876.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—continued.

STATIONS.	Latitude, north.	Longitude, east.	Elevation, in feet, above mean sea-level.	Level determined.	How determined.	Authority for elevation.
Gya ...	24° 42′	85° 2′	374·9	Barometer cistern ...	Levelled from G. T. Survey spirit-level B. M. at Bankipore Railway station.	M. P. B. Duell, Esq., C.E.
Hazaribagh ...	24° 0′	85° 24′	2010·	Ditto ditto ...	By spirit level to G. T. Survey B M.	Dr. J. M. Coates.
Berhampore ...	24° 6′	88° 17′	66·45	Ditto ditto ...	By spirit level to Irrigation Dept. B. M.	G. Pearson, Esq.
Burdwan ...	23° 14′	87° 54′	99·09	Ditto ditto ...	.....	Dr. Joubert.
Jessore ...	23° 9′	89° 7′	33·29	Ditto ditto ...	By spirit level to B. M. on 73rd milestone from Calcutta.	Nobo Gopal Dutt.
Dacca ...	23° 43′	90° 27′	35·	Ditto ditto ...	Measured above ground-level. G. L. estimated.	H. F. Blanford, Esq.
Silchar ...	24° 49′	92° 50′	87·4	Ditto ditto ...	Levelled to G. T. Survey B. M.	Dr. Monteath.
Chittagong ...	22° 21′	91° 50′	90·	Ditto ditto ...	By spirit level to half-tide.	H. F. Blanford, Esq.
Demagiri ...	...	...	...	.....	.....	.....
Calcutta ...	22° 33′	88° 21′	18·11	Ditto ditto ...	By spirit level to Kydd's Dock bench-mark.	Surveyor General.
Alipore ...	22° 33′	88° 21′	21·38	Ditto ditto ...	.....	H. F. Blanford, Esq.
Saugor Island ...	21° 39′	88° 5′	6·	Ditto ditto ...	To half-tide estimated ...	Electric Telegraph Master.
Cuttack ...	20° 29′	85° 54′	80·	Ditto ditto ...	By spirit level to Irrigation Dept. bench-mark.	T. S. Isaac, Esq., C. E.
False Point ...	20° 20′	86° 47′	18·7*	Ditto ditto ...	By spirit level ...	L. H. Superintendent.
			15·3	Ditto ditto ...	.....	Electric Telegraph Master.
Sambalpur ...	21° 31′	81° 1′	451·	Ditto ditto ...	By spirit level from Top. Survey B. M.	Dr. Townshend.
Raipur ...	21° 15′	81° 41′	960·	Ditto ditto ...	Spirit level from Nagpur, 175 miles.	Ditto.
Nagpur ...	21° 9′	79° 11′	1025·	Ditto ditto ...	By spirit level from G. T. Survey B. M. and Railway.	Ditto.
Seoni ...	20° 6′	79° 6′	2030·	Ditto ditto ...	Spirit level from G. T. Survey B. M.	Ditto.
Jubbulpore ...	23° 9′	79° 59′	1351·	Ditto ditto ...	Spirit level from G. T. Survey B. M. and Railway.	Ditto.
Saugor ...	23° 49′	78° 48′	1807·5	Ditto ditto at Police hospital.	.....	Ditto.
Pachmarhi ...	22° 28′	78° 28′	3504·	Barometer cistern ...	Spirit level from Top. Survey B. M.	Ditto.
Hoshangabad ...	22° 45′	77° 46′	1020·	Ditto ditto ...	Spirit level from Itarsi Railway station, 11 miles.	Ditto.
Khandwa ...	21° 49′	76° 23′	1042·	Ditto ditto ...	Spirit level from Railway station, 1 mile.	Ditto.
Chikalda ...	21° 24′	77° 22′	3656·	.....	.....	F. Chambers, Esq.
Buldana ...	20° 34′	76° 14′	2186	Barometer ...	.....	Col. Nembhard.
Akola ...	20° 42′	77° 4′	930· †	Ditto ...	Spirit level to rails of Railway station.	J. F. Pope, Esq.
			928·76	Ditto ...	.....	F. Chambers, Esq.
Amraoti ...	20° 55′	77° 43′	1202·26	Ditto ...	.....	Col. Nembhard.
Chanda ...	19° 56′	79° 19′	651·89	Barometer cistern, Police hospital.	By sprit level to rails at Wurdah station, G. I. P. R.	F. S. O'Callaghan, Esq., C.E.
Sironcha ...	18° 51′	80° 0′	401·29	Barometer cistern ...	.....	Executive Engineer, Nagpur Division.
Jacobabad ...	28° 24′	68° 18′	185·	.....	.....	F. Chambers, Esq.
Bikanir ...	27° 59′	73° 14′	...	.....	.....	.....
Hyderabad ...	25° 25′	68° 27′	184·4	Barometer cistern ...	From bench-mark on the Wadoo Canal.	Mr. A. Banks, Supervisor, P. W. D.
Kurrachee ...	24° 47′	67° 4′	49·	Ditto ditto ...	.....	F. Chambers, Esq.
Bhuj ...	23° 15′	69° 42′	...	.....	.....	.....

* 18·7 feet before 24th October 1877.

† Erroneously given at 923·16 feet in the Report of 1876. The elevation changed from 930· to 928·76 feet from 24th October 1877.

TABLE I.—*Latitudes Longitudes, and Elevations of the Meteorological Observatories*—continued.

STATIONS.	Latitude, north.	Longitude, east.	Elevation, in feet, above mean sea-level.	Level determined.	How determined.	Authority for elevations.
Rajkot ...	22° 17′	70° 52′	428·83	Barometer cistern ...	Determined from G. T. Survey B. M.	Mr. R. B. Booth, Agency Engineer.
Decsa ...	24° 16′	72° 14′	474·1	Ditto ditto ...	Measured from G. T. Survey B. M.	N. Henessey, Esq.
Mount Abu ...	24° 36′	72° 45	3945·	.....	.....	F. Chambers, Esq.
Neemuch ...	24° 25′	75° 0′	1639·36	.....	.....	Ditto.
Indore ...	22° 44′	75° 53′	1822·	Barometer cistern ...	Levelled to B. M. near the Indore Railway station	Sub-Engineer, Indore.
Surat ...	21° 13′	72° 46′	36·	.....	.....	F. Chambers, Esq.
Malegaon ...	20° 34′	74° 22′	1439·32	Barometer cistern ...	By spirit level to B. M., distant 8620 ft. from the Observatory.	A. T. Anderson, Esq., Executive Engineer, N. D.
Bombay ...	18° 54′	72° 49′	37·	Ditto ditto ...	.....	C. Chambers, Esq.
Poona ...	18° 28′	74° 10′	2000·4	Ditto ditto ...	By spirit level to G. T. Survey station.	Lieut. Gibbs, R. E.
Sholapur ...	17° 41′	75° 56′	1589·56	Ditto ditto ...	Levelled to B. M., distant about 200 ft. from the Military hospital.	Mr. G. B. Dante, Overseer, P. W. D.
Ratnagiri ...	17° 6′	73° 23′	108·5	.....	.....	F. Chambers, Esq.
Belgaum ...	15° 52′	74° 42′	2550·	Barometer cistern ...	By spirit level to G. T. Survey station.	Col. J. T. Walker, R. E.
Goa ...	15° 21′	73° 56′	23·	.....	.....	.....
Vizagapatam ...	17° 42′	83° 22′	31·	.....	.....	A. V. Nursing Rao, Esq.
Secunderabad ...	17° 27′	78° 33′	1786·69	Barometer cistern ...	By spirit level ...	Executive Engineer, Secunderabad.
Masulipatam ...	16° 9′	81° 12′	10·16	Barometer ...	Levelled from half-tide level.	Lieut. D. Campbell, R. E.
Bellary ...	15° 9′	76° 57′	1455·4	.....	.....	.....
Bangalore ...	12° 59′	77° 38′	2981·46*	Barometer cistern ...	By spirit level to G. T. Survey B. M. near the Observatory.	Col. Moberly, District Engineer, Bangalore.
Madras ...	13° 5′	80° 17′	22·	Ditto ditto ...	.....	N. R. Pogson, Esq.
Salem ...	11° 39′	78° 12′	939·79	Ditto ditto ...	By spirit level from G. T. Survey B. M.	District Engineer, Salem.
Wellington ...	10° 22′	76° 50′	6200·	Barometer ...	Deduced from Kumdanugi peak.	Capt. J. Morant, R.E.
Coimbatore ...	11° 0′	77° 0′	1347·64	Barometer cistern ...	From rail level at Coimbatore station.	Col. C. Wilkinson, R.E.
Trichinopoly ...	10° 50′	78° 44′	274·85	Ditto ditto ...	Levelled from S. I. R. B.M.	Capt. H. F. Morris, R.E.
Negapatam ...	10° 46′	79° 53′	15·	Barometer ...	By spirit level to high-water mark tide estimate.	.....
Madura ...	9° 55′	78° 10′	447·97	Barometer cistern ...	Levelled from Railway station.	Major A. Scott, R.E.
Cochin ...	9° 58′	76° 17′	11·03	Ditto ditto ...	Levelled from mean sea-level.	.....
Colombo ...	6° 56′	79° 50′	40·	.....	.....	Major A. B. Fyers, R.E.
Jaffna ...	9° 40′	79° 56′	9·	.....	.....	Ditto.
Trincomalee ...	8° 35′	81° 14′	175·	.....	.....	Ditto.
Batticaloa ...	7° 42′	81° 40′	21·	.....	.....	Ditto.
Hambantota ...	6° 7′	81° 7′	40·	.....	.....	Ditto.
Galle	6° 1′	80° 12′	40·	.....	.....	Ditto.
Kandy ...	7° 18′	80° 35′	1650·	.....	.....	Ditto.
Nuwara Eliya ...	7° 0′	80° 42′	6150·	.....	.....	Ditto.
Akyab ...	20° 8′	92° 57′	20·44	Barometer cistern ...	Above half-tide level by spirit level.	H. F. Blanford, Esq.
Thyetmyo ...	19° 22′	95° 12′	134	Ditto ditto ...	Levelled to highest flood of the Irrawaddy.	Lieut. R. O. Lloyd, R. E.

* Erroneously given at 2,989 feet in the Report of 1876.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—concluded.

STATIONS.	Latitude, north.	Longitude, east.	Elevation, in feet, above mean sea-level.	Level determined.	How determined.	Authority for elevation.
Tounghoo ...	18° 57′	96° 24′	169·195	Barometer cistern ...	By spirit level to B. M. of Railway on Fort wall.	Executive Engineer, Tounghoo Division.
Bassein ...	16° 4′	94° 50′	15·5	Ditto ditto ...	.....	Sanitary Commissioner, British Burma.
Rangoon ...	16° 46′	96° 12′	40·69	Ditto ditto ...	Levelled to half-tide level	.....
Moulmein ...	16° 29′	97° 40′	87·02	Ditto ditto, Hospital	Ditto ditto ...	Mr. Hallett, Executive Engineer, Tenasserim Division.
Mergui ...	...	...	96·27	Barometer cistern ...	Levelled to half the highest spring tide.	Ditto ditto.
Port Blair ...	11° 41′	92° 42′	61·16	Ditto ditto ...	Above half-tide level by spirit level.	Capt. D. E. Wolski.
Nancowry ...	8° 0′	93° 46′	78·	.....	.....	.....

The following gives brief descriptions of Jacobabad, Hyderabad (Sind), Rajkot, Neemuch, Surat, Malegaon, Sholapur, Ratnagiri, Thyetmyo, Bassein, Mergui, and Tounghoo :—

JACOBABAD* is situated in the alluvial plain of the Indus, in Upper Sind, some distance to the south-east of the foot of the Bolan Pass. The country round is very flat and covered with low scrub, except where specially cultivated by aid of irrigation. The frontier hills to the north are visible, and also those to the west on very clear days. With these exceptions, the horizon is perfectly open. The greater part of the station has been well planted with trees, some of which have reached an enormous height, but those in the neighbourhood of the civil hospital, where the observatory is situated, are as yet but small. Rain seldom falls, and the station has the character of being the hottest in India during the summer months.

HYDERABAD (SIND), a large station at the head of the delta of the Indus. The town is built upon and occupies nearly the whole of a small elongated limestone plateau, which rises abruptly about 100 feet above the level of the surrounding country. Numerous low isolated hills are scattered around, and the Kámbhu hills close in a considerable portion of the north-west horizon. The anemometer is erected at the jail on the top of the plateau, but the thermometers and other instruments are placed at the European military hospital, which is built in an open situation, to the north-west of the plateau, at a lower level. The surrounding country is under cultivation during the inundation season.

RAJKOT, situated in gently undulating country near the middle of the province of Kattywar. The range of low hills running through the province occupies the south-east horizon, but the highest peaks subtend a vertical angle of less than half a degree at a distance of 12 miles. The observatory is located at the cavalry hospital.

NEEMUCH, on gently rising ground in the middle of the Malwa plateau. The country round is open and well cultivated. The observatory is situated at the European regimental hospital.

SURAT, a place of historical interest on the south bank of the Tapti, about 10 miles from the mouth of the river. The surrounding country is well wooded and under cul-

* The descriptions of this and the seven following stations have been furnished by Mr. F. Chambers.

tivation, but in other respects it is flat and uninteresting. The Sahyádri range to the westward is too far distant to be visible, and there are no other elevations in the neighbourhood. The observatory is at the regimental hospital, about two miles to the west of the native town.

MALEGAON, on the northern slope of the Deccan plateau, and about 40 miles from its western verge. In the immediate neighbourhood of Malegaon the country is fairly open, but there are a few isolated hills to the north, and several distant peaks of the Sahyádri range in the south-west and west, which, as seen from Malegaon, subtend vertical angles of a little over 1°. The observatory is in an open position in the cantonment, about three miles to the north-west of the native town.

SHOLAPUR, near the middle of the Deccan plateau. The ground surface undulates very gently, and the horizon is perfectly open in all directions, not a single eminence being anywhere visible. It would be difficult to conceive a more suitable locality than this for a representative meteorological station.

RATNAGIRI, in the Konkan, on the western coast, about 140 miles south of Bombay. The town is built on the shelving seabeach, from which the general surface of the country rises abruptly. Vegetation seems to be confined to the creeks and hollows, the general ground surface being composed of bare laterite. To the eastward the Sahyádri range is visible, but the highest peaks, as seen from Ratnagiri, have angular elevations of less than 1°. The observatory is situated at the civil hospital, which is built on the elevated ground above the native town.

BASSEIN* is situated in the delta of the Irawadi. It is about 20 feet above sea-level. The surface is undulating in different parts, and is either slightly above or below the level of the surrounding paddy lands. It is about 90 miles by the Bassein river, or 30 miles as the crow flies from the sea. The town covers an area of 9 square miles, and occupies an ill-drained and noxious site, a portion of which is submerged at high water, and the remainder of which is very little raised above high-water mark.

THYETMYO is situated about 130 feet above the level of the sea. It is composed of the native town and cantonment, and is on the same general level as the surrounding country, which is slightly undulating in character. The town is surrounded by hills on the south, west, and north, at a distance varying from 3 to 10 miles. It is about 200 miles from the sea, and is situated on the banks of the Irawadi, this river being its eastern boundary. There is a choung at the northern and southern extremities, usually dry, except during the monsoon. There are no lakes or other bodies of water, with the exception of one ornamental tank in the cantonment.

TOUNGHOO.—The site of the town is slightly raised above the surrounding country. Its distance from the sea in a direct line to the west is about 150 miles, and to the south 170 miles. The Sittang river forms the eastern boundary of the town, and a mile and half north of the town there is a small river, which empties itself into the Sittang; and about two miles south of the town is another small river, the Kaboung, which also flows

* The descriptions of this and the following three stations have been furnished by Dr. Kelly, Sanitary Commissioner, British Burma.

into the Sittang. On the western border of the town, inside the old wall, there is a small sheet of water, about one and half mile in length by half a mile in breadth; and surrounding the town is the old fort ditch, which during the south-west monsoon always contains water, and in some places for a considerable time afterwards.

MERGUI.—The town of Mergui is situated between the northern and southern mouths of the Tenasserim river, and forms one of its principal deltas. It is bounded by the sea on the west, and is about 100 feet above the sea-level. It is composed of hill and dale. The harbour is protected by the island of Putto or Madernacan, which lies about a mile from and in front of the town. This island is elevated at either extremity, on each of which stands a pagoda. It is about three miles long, 800 feet high, and is covered with forest from top to bottom, and contains gardens of cocoanut and betel palm, mangostins and other fruits.

THE METEOROLOGY OF 1877.

The meteorology of the year is described under the following headings—

Temperature of solar radiation,	Anemometry,
„ of nocturnal radiation,	Hygrometry,
Air temperature,	Cloud proportion,
Atmospheric pressure,	Rainfall,

with a final general summary, discussing the interdependence of the characteristic features of the several meteorological elements during the year.

The average distribution of temperature and pressure and the mean wind direction in each month are shown in the Charts (Plates I to III).

The table giving an abstract of the registers of all stations forms Appendix A. Appendix B gives the complete registers (reduced and corrected) of six selected stations, *viz.*, Calcutta, Lucknow, Lahore, Nagpur, Bombay and Madras.

TEMPERATURE OF SOLAR RADIATION.

The equilibrium temperature of solar radiation has been recorded during the past year in nearly all cases by a maximum mercurial thermometer, enclosed in an exhausted tube, and having the bulb and a small portion of the stem covered with lampblack. At many stations the instruments were exposed (as in former years), supported on forked sticks, at a height of one foot from the ground, and over grass wherever possible. At newly-established stations, and at some of the older stations, more especially those at which the exposure has been changed, a stand, four feet high, has been introduced for supporting the solar radiation thermometer, with the view of diminishing to some extent the influence of the peculiarity of the ground above which the instrument has been exposed. The use of this stand is noted in each case in table I (Appendix A).

The theory of this instrument has, so far as I know, not been worked out. From the peculiar construction of the instrument, the bulb absorbs and gives out heat by radiation very rapidly. Very slight differences in the amount of exhaustion of this enclosing bulb and on the exposure produce very considerable differences of the temperature

of radiation, as indicated by this thermometer. Hence all comparison of readings of this instrument seems to be peculiarly open to doubt.

The instrument, from exposure in the open air, would by radiation from the enclosing glass bulb assume the temperature of the glass bulb, and, therefore, of the open air. It is, however, acted upon by two other sources of radiant heat—the ground immediately underneath, and the sun (unless it is concealed by clouds). Hence in all cases (with very few exceptions) this thermometer registers a higher temperature than the air in shade thermometer; the difference between the two giving the additional effect due to radiation from the adjacent ground and from the sun. The action due to the former has not been estimated, either by observation or calculation. Apparently, as indicated by theory, differences of elevation of the thermometer will produce very little difference in the amount of radiation from the ground. The nature of the ground, however, forms an important feature, the action of which must differ very considerably in different parts of India, and hence prevent any comparison of results obtained from different stations. Thus the radiation from the parched, heated, and bare surface of the soil in the North-Western Provinces in May must be considerably greater than from the moist grass-covered surface of the soil at the coast stations of Bengal and Western India in the same month. The instruments in use have all been carefully compared with an arbitrary standard (No. 9174 Casella), directly or indirectly through secondary standard instruments, and the readings are therefore comparable when taken in similar situations. This comparison only enables instrumental defects and index errors to be eliminated, and does not in any way remove what appears to me to be the great defect in this instrument—namely, its susceptibility to considerable errors from differences of exposure.

Table I (Appendix A) gives an abstract of the observations of solar radiation thermometers at 95 stations, of which 62 furnish complete registers. (From the exposure of these instruments in the open stand they are peculiarly liable to injury and breakage, and hence hiatus often occur in the registers). Each table consists of eight columns, giving the mean of the observed readings of the maximum sun thermometer, the highest and lowest reading of each month, and their respective dates; the mean differences of the maximum sun and shade thermometers, and the maximum and minimum difference for each month. The readings, it may be noted, have been recorded on every day, whether the sky was clear or clouded. As Mr. Blanford observes in the Report for 1876, the heating effect of the direct solar radiation is rather greater than that given in the three last columns of each table, since the maximum equilibrium temperature occurs on fine days between noon and 1 P.M., whereas the maximum air temperature occurs two or three hours later.

Very few of the stations have furnished comparable registers for more than three years, owing either to the use of uncorrected and uncompared thermometers, or to changes in the conditions of exposure of the instrument. The following tables give the mean results at those stations where the instruments are believed to be accurate and comparable.

TABLE II.—*Monthly average maximum equilibrium temperatures of compared sun thermometers in vacuo.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sibsagar ...	3—4	119·8	127·8	131·2	134·5	141·7	150·7	149·6	149·5	149·9	144·6	136·9	127·9	138·7
Goalpara ...	4—5	114·8	123·2	132·1	138·6	131·6	131·5	140·0	145·4	139·2	133·7	128·4	116·6	131·3
Darjeeling ...	7—8	104·2	112·3	115·7	123·2	128·3	127·6	126·7	129·3	130·0	128·8	120·3	111·9	121·5
Hazaribagh ...	5—6	128·6	132·5	144·1	155·4	158·3	150·7	143·1	145·1	148·2	141·6	136·2	129·4	142·8
Burdwan ...	3—4	131·9	138·8	149·5	152·6	153·7	149·2	148·4	148·5	150·9	146·5	141·9	135·5	145·6
Jessore ...	5—6	132·8	138·3	147·7	151·0	152·1	148·4	146·0	148·2	147·7	147·9	139·7	135·1	144·6
Chittagong ...	7—8	132·2	138·5	143·3	145·4	148·2	142·0	141·1	143·7	145·5	143·7	140·1	134·4	141·5
Saugor Island	7—8	133·7	137·0	140·2	143·2	147·5	139·7	135·7	141·2	143 5	142·8	138·6	134·6	139·8
Cuttack ...	6—8	138·1	142·8	150·7	156·3	159·8	149·9	148·1	147·1	150·4	147·3	140·7	137·0	147·4
Akyab ...	5—6	137·3	144·9	150·5	154·2	154·1	139·9	135·1	144·6	148·6	147·0	141·2	137·3	144·6

TABLE III.—*Excess of the above over the corresponding maximum shade temperatures.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sibsagar ...	52·2	55·7	54·5	53 7	57·6	61·1	59·8	59·3	61·0	60·0	58·5	56·0	57·5
Goalpara ...	42·1	45·1	47·3	52·0	46·0	45·2	52·8	57·4	52·8	49·2	48·4	42·2	48·4
Darjeeling ...	54·6	59·9	56·3	58·4	60·7	58·8	57·1	59·8	61·6	63·0	60·6	57·9	59·1
Hazaribagh ...	56·2	55·8	57·0	58·9	59·2	57·4	57·4	60·8	62·9	59·4	58·1	56·2	58·3
Burdwan ...	54·6	57·2	56 8	53·6	54·5	56·0	57·9	58·9	61·0	58·4	58·2	57·0	57·0
Jessore ...	55·3	55·2	55·4	54·4	56·4	56·6	56·8	59·2	58·0	59·3	55·2	55·9	56·5
Chittagong ...	53·8	55·8	56·1	55·1	57·1	53·9	54·2	56·3	57·2	56·1	55·8	53·6	55·4
Saugor Island...	57·6	57·4	55·1	54·9	57·4	50·3	48·8	54·2	56·0	57·0	56·5	57·0	55·2
Cuttack ...	54·0	54·3	53·8	54·9	57·4	52·7	58·0	57·2	60·4	58·2	54·6	53·8	55·8
Akyab ...	57·4	61·4	63·5	64·3	64·1	54·3	51·0	59·8	62·3	59·9	56·6	56·0	59·2

Taking Table III as a comparison, the difference of the corresponding values in 1877 (*viz.*, the mean excess of sun over shade temperature) are shown in the following (table IV).

TABLE IV.—*Comparison of excess sun (over shade) temperatures in 1877, with the averages of table III.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sibsagar ...	—0·5	—2·0	—3·1	+6·6	—2·2	—3·5	—1·2	+0·2	—2·5	+0·7	—2·6	+0·2	—0·8
Goalpara ...	+6·8	+7·0	+6·2	+7·9	+10·8	+17·9	+2·3	+5·2	—2·6	+6·0	+4·9	+6·2	+6·6
Darjeeling ...	—2·1	—4·3	+2·2	+1·9	—0·4	+2·5	—6·4	—0·6	—9·0	—1·1	—1·5	—1·4	—1·7
Hazaribagh ...	+1·7	+2·6	+1·5	+2·4	—1·2	+0·6	—1·2	—1·3	—5·1	+0·2	—0·8	—0·9	—0·1
Burdwan ...	+2·2	—1·8	+2·9	+4·2	—0·4	+0·8	—4·3	—2·5	—3·8	+3·6	+0·6	+1·4	+0·2

TABLE IV.—*Comparison of excess sun (over shade) temperature in 1877, with the averages of Table III.*—contd.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jessore ...	+1·7	+0·2	+2·6	+3·5	—0·5	+0·2	—4·5	—5·4	—3·0	+1·2	—0·3	—0·9	—0·4
Chittagong ...	—2·5	+1·1	+3·0	+0·2	?	?	+0·4	—0·6	—3·0	+2·0	—2·9	—4·6	?
Saugor Island...	+0·9	—4·2	+3·6	+5·4	+1·9	—0·6	—1·6	—3·1	+3·8	+3·4	—0·8	+1·7	+0·9
Cuttack ...	+1·1	—3·8	+1·7	?	?	0	—4·2	—0·9	—1·2	+3·6	+2·9	+1·3	?
Akyab ...	—5·5	—4·4	—1·1	—0·8	—0·8	+1·6	—8·4	—6·8	—5·9	+0·4	—3·5	—2·8	—3·2

TEMPERATURE OF NOCTURNAL RADIATION.

The temperature of nocturnal radiation is observed with minimum spirit thermometers having spherical bulbs, and which are placed in the majority of cases on a thick pad of woollen blanket, in order to secure uniform exposure. As this pad has only been in use for one year, the preparation of averages of this element of meteorological observation for Indian stations will not be possible for at least two years.

Table II (Appendix A) gives a monthly summary of the readings of the nocturnal radiation thermometers at 95 stations. Of these, in consequence of the rejection of certain registers, and of the gaps due to breakages of the instrument, &c., only 44 furnish complete information for the year. The tables give the mean readings and the highest and lowest readings of each month; also the mean depression of the exposed below the shaded minimum thermometer and the greatest and least differences, with similar data for the year.

TEMPERATURE OF THE AIR.

The observations of the temperature of the air at the large majority of stations are taken at 10 A.M. and 4 P.M. In addition, the readings of the maximum and minimum temperatures of the air in shade are registered daily. At the stations in the Madras Presidency an additional reading of the thermometers is taken at 10 P.M. At Lahore, Allahabad and Saugor Island, thermometric observations are also taken at 4 A.M. and 10 P.M. These, with the day observations, form a series, taken at equal intervals of six hours. At Bombay and Alipore an observation at 6 A.M. is substituted for that at 4 A.M. At Calcutta and Bombay continuous registration of the air temperature is also obtained by means of self-registering thermographs. The temperatures given for these two stations are, however, those obtained by means of eye observations. At the Ceylon stations the means of the maximum and minimum readings are alone given. At stations in India and Burma the instruments are exposed under thatched sheds, open at the sides. The form and dimensions of these are not quite the same in all cases; and at a few stations (Calcutta, Lucknow, Roorkee, Jubbulpore, Akola, Amraoti, and Buldana), the sheds are more or less enclosed by louvres, or lattice work. The shed at Agra was in former years enclosed by a thick hedge for protection. This has been now removed, as it prevented the free circulation of the air.

With very few exceptions (all of which are noted in the tables), the thermometers in use at the observing stations under the Meteorological Department during the past year have been verified either at Calcutta, Bombay or Madras at the freezing-point and

by comparison with Kew standards. No information has yet been received respecting the thermometers in use in Ceylon.

Table III (Appendix A) gives the temperature results of 108 stations, *viz.*, the means of the hours of observation and the mean temperature of the months, the means of the maximum and minimum readings, together with the mean daily range and the extreme readings and absolute range of the month, and the dates of the two former. The mean temperatures have been obtained by the following different methods for different stations :—

(*a.*)—At Calcutta (Surveyor General's Office) the means of the hourly observations are given for January, February and March only. For the remaining months they are the means of 10h., 16h., and minimum observations, corrected by range factors derived from the hourly observations at Calcutta in past years.

(*b.*)—At Lahore, Allahabad and Saugor Island, they are the means of the four readings at six hourly intervals.

(*c.*)—At the stations of the Punjab, Central Provinces, and Berar, and also at Sutna, Durbhanga, Port Blair, Nancowry, at all the Burma stations except Akyab, and at Mount Abu, and other stations under the Reporter for Bombay, except the four mentioned in (h), they are the means of the 16 hours and the minimum observations.

(*d.*)—At the Madras stations they are the means of the 10h., 16h., and 22h. observations, corrected by range factors derived from the Madras registers in past years.

(*e.*)—At the stations of Bengal (except those named above) and the North-Western Provinces and at Akyab they are the means of the 10h., 16h., and minimum observations, corrected by range factors derived from the six hourly observations at the same stations in past years. In the case of Dehra, the Roorkee factors have been used; in that of Sibsagar, the Goalpara factors; the Monghyr factors are employed for Purneah, and those of Calcutta for Berhampore, Jessore and Burdwan.

(*f.*)—At False Point, the means of November and December are the means of the 16h. and minimum. For the previous months the means are those of the four observations.

(*g.*)—At Bombay, they are the means of the 6h., 10h., 16h., and 22h. observations, with constant corrections derived from the Colaba observations in past years.

(*h.*)—At Deesa, Kurrachee, Poona and Belgaum, they are the means of the observations, with constant corrections derived from hourly observations formerly taken at the same stations.

(*i.*)—At the Ceylon stations, they are the means of the maxima and minima readings.

Table V gives the average monthly and annual temperatures of 83 stations as derived from the means of three or more years (obtained in the manner indicated), and Table VI the differences of the monthly temperatures of 1877 from these averages.

TABLE V.—*Average monthly mean temperatures of stations in India, Ceylon, &c.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh ...	3—7	17·6	?	30·3	40·1	46·6	53·6	60·5	57·5	49·9	37·9	30·7	24·4	?
Murree ...	7—8	37·7	39·4	48·4	57·2	64·9	71·1	68·2	66·7	65·9	58·3	49·1	43·2	55 8
Rawalpindi ...	10—11	48·1	51·8	60·8	71·0	81·6	89·5	87·5	84·4	80·5	68·9	57·4	50·9	69·4
Sialkot ...	10—11	50·7	55·9	64·4	75·7	84·5	90·1	86·3	85·3	83·1	74·1	62·0	52·2	72·0
Lahore ...	9—11	53·4	59·0	68·8	80·5	88·3	93·0	88·7	87·9	84·2	76·6	65·2	55·3	75·1
Ludhiana ...	8—10	50·8	56·8	66·6	77·5	84·9	90·4	85·0	85·7	82·4	73·7	62·5	53·9	72·5

TABLE V.—*Average monthly mean temperatures of stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Simla ...	5—6	39·6	41·1	48·4	58·4	62·3	68·1	64·3	63·0	60·4	54·1	48·8	44·8	54·4
Delhi ...	3	?	?	?	82·2	89·0	94·3	?	?	85·0	77·0	70·8	60·3	?
Dera Ismail Khan ...	9—11	51·1	55·9	65·2	76·6	86·7	92·9	91·7	89·5	85·6	74·1	62·0	53·3	73·7
Mooltan ...	7—9	54·2	58·2	70·2	79·1	88·8	95 0	91·9	88·9	86·4	75·8	66·4	56·7	76·0
Ajmere ...	10—11	59·1	65·3	75·3	85·6	91·7	91·3	84·2	82·2	83·1	78·4	70·0	62·6	77·4
Chakrata ...	7—8	40·8	42·9	49·7	59·7	65·3	68·2	64·7	64·2	62·9	57·4	52·1	45·6	56·1
Dehra ...	8—9	54·8	57·4	65·7	75·0	81·5	84·5	79·7	78·7	76·9	69·8	62·6	56·5	70·3
Roorkee ...	11	56·8	61·1	70·2	81·1	88·0	90·1	84·7	84·1	82·8	75·1	64·6	57·6	74·7
Ranikhet ...	6—7	45·4	48·4	56·1	65·6	68·7	71·8	67·8	67·4	66·3	60·8	55·8	50·4	60·4
Meerut ...	6—7	57·0	62·1	72·7	83·2	88·4	92·5	86·7	85·4	83·2	73·8	66·9	58·9	75·9
Bareilly ...	10—11	56·8	61·7	72·2	82·0	88·3	89·0	83·9	83·0	82·0	74·5	65·8	58·0	74·8
Agra ...	10—11	59·4	64·9	76·0	86·5	92·9	93·6	86·9	84·9	83·7	78·6	70·2	62·0	78·3
Lucknow ...	10	60·1	65·8	75·9	86·1	92·0	91·7	86·7	85·8	84·2	78·1	68 8	60·9	78·0
Gorakhpur ...	9	59·9	64·7	75·3	84·3	88·5	87·3	83·8	83·0	82·9	77·8	69·0	61·1	76·5
Jhansi ...	10—11	62·1	67·8	77·9	87·5	94·1	92·3	83·9	82·6	82·4	79·0	72·6	64·2	78·9
Allahabad ...	8—9	60·1	65·0	77·2	86·6	91·9	90·5	84·8	83·4	83·1	77·4	68·4	60·9	77·4
Benares ...	9—11	59·7	66·3	76·3	86·3	91·8	91·1	85·4	84·6	83·8	78·2	69·0	60·5	77·7
Sibsagar ...	4	57·5	62·4	67·3	73·1	77·0	82·7	83·5	82·9	81·5	76·2	68·0	60·2	72·7
Goalpara ...	9	63·1	67·8	73·9	77·3	78·5	80·5	81·6	81·9	80·7	77·7	71·3	65·3	75·0
Darjeeling ...	10	40·7	43·2	49·8	55·5	58·9	62·2	63·1	63·0	61·2	56·4	49·6	43·7	53·9
Purneah ...	3	?	?	76·7	?	?	?	?	?	83·3	77·9	71·2	?	?
Patna ...	9—10	61·1	65·7	77·4	85·8	88·7	88·3	85·0	84·2	83·7	79·2	70·4	62·5	77·7
Gya ...	6—8	63·8	69·0	80·1	89·1	91·8	89·8	84·5	83·7	84·1	79·8	72·1	64·7	79·4
Hazaribagh ...	9—10	61·2	65·1	74·9	83·2	86·1	82·5	78·9	78·1	77·9	74·0	68·1	61·7	74·3
Berhampore ...	10	64·5	69·2	78·3	85·0	86·2	84·6	83·7	83·4	83·3	80·6	73·5	66·2	78·2
Burdwan ...	4—5	65·7	69·7	79·7	85·3	85·9	84·8	84·0	83·3	83·4	80·5	73·6	66·9	78·6
Jessore ...	9—10	65·0	69·9	79·0	82·9	84·5	83·6	82·6	82·5	82·5	79·9	72·6	65·5	77·5
Dacca ...	8—10	66·2	71·5	79·1	82·3	83·4	83·7	83·4	83·6	83·5	81·2	74·9	68·3	78·4
Silchar ...	8—9	63·0	67·1	73·0	77·6	80·1	81·8	82·0	81·8	81·4	79·3	72·7	65·3	75·4
Chittagong ...	10	67·0	71·2	77·7	81·7	83·0	81·9	81·0	81·2	81·5	80·1	74·6	68·5	77·4
Calcutta ...	25	67·7	72·8	80·5	84·6	86·1	84·9	83·4	83·1	83·3	81·5	74·9	68·1	79·2
Saugor Island ...	9—10	68·8	73·6	80·5	84·0	85·8	85·6	83·8	83·7	83·5	80·9	75·0	68·6	79·5
Cuttack ...	10	71·0	75·1	82·0	86·6	88·9	86·0	83·4	83·3	83·0	81·1	74·9	70·3	80·5
False Point ...	10	70·7	74·4	80·4	83·7	86·3	86·0	84·3	84·1	84·4	82·6	75·8	69·9	80·2
Sambalpur ...	6—7	66·8	71·6	79·8	89·5	93·3	87·5	79·9	80·0	81·5	79·1	72·0	67·7	79·1

TABLE V.—*Average monthly mean temperatures of stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Raipur ...	7—9	66·6	69·9	78·5	87·1	92·3	86·1	78·8	79·0	79·5	76·9	70·6	67·0	77·7
Nagpur ...	8—9	68·5	73·4	81·8	88·1	93·1	86·2	79·0	78·9	79·0	76·8	71·0	68·1	78·7
Seoni ...	6	63·5	67·9	76·6	83·0	87·4	82·5	76·1	75·5	75·9	71·8	66·4	63·8	74·2
Jubbulpore ...	9	61·9	65·8	75·3	84·3	90·4	87·1	78·8	78·0	78·5	73·8	66·2	62·1	75·2
Saugor ...	7—8	63·7	68·0	77·1	84·4	88·4	84·6	77·1	75·8	77·0	75·4	71·3	65·3	75·7
Pachmarhi ...	5—6	57·8	61·7	71·3	79·0	83·2	78·5	70·0	69·4	70·1	65·9	59·6	57·8	68·7
Hoshangabad ...	8—9	66·4	70·5	79·3	87·8	92·9	87·7	79·2	78·4	79·6	77·3	71·5	67·9	78·2
Khandwa ...	3	?	?	?	?	?	88·7	80·1	78·9	78·6	79·3	71·0	68·4	?
Buldana ...	3—4	67·4	71·0	79·6	85·1	86·1	79·9	76·2	74·5	75·7	75·3	71·5	69·0	75·9
Akola ...	4—5	68·1	72·6	80·8	88·9	92·6	85·4	79·5	78·7	78·7	76·0	70·5	68·5	78·4
Amraoti ...	5	68·6	72·5	80·3	88·0	90·3	84·1	79·1	77·0	77·9	76·1	71·2	69·3	77·9
Chanda ...	7—8	68·4	73·8	81·3	89·1	92·7	86·8	79·8	79·4	79·2	76·3	70·3	67·5	78·8
Kurrachee ...	3	64·7	67·7	76·9	80·4	85·5	87·1	83·5	81·7	82·0	78·8	73·5	67·2	77·4
Deesa ...	3	65·0	69·1	80·4	87·7	92·0	91·5	83·7	83·2	80·9	77·4	73·7	68·2	79·4
Bombay ...	27	72·5	74·2	78·0	81·6	84·2	82·6	80·8	79·7	79·5	80·2	77·8	74·8	78·8
Poona ...	3	70·6	74·8	81·8	84·9	84·0	78·9	75·6	74·9	75·1	77·3	75·8	73·0	77·2
Belgaum ...	3	69·6	73·7	78·7	80·2	79·5	74·3	71·7	70·9	?	73·7	73·3	71·1	?
Goa ...	...	75·6	76·3	78·8	83·6	85·0	81·7	81·0	80·8	81·2	81·1	78·5	75·2	79·9
Vizagapatam ...	8	76·0	78·6	83·0	86·1	88·0	87·6	85·2	85·5	84·5	83·0	79·4	75·5	82·7
Masulipatam ...	3	73·9	76·4	81·1	84·7	87·8	87·9	85·9	84·4	82·6	81·2	77·7	75·2	81·6
Bellary ...	3	73·2	78·3	85·3	89·3	88·8	83·4	81·6	81·5	80·6	79·8	76·4	73·6	81·0
Bangalore ...	3	67·8	71·9	77·2	80·6	79·0	75·2	73·5	73·0	72·8	73·2	70·7	67·9	73·6
Madras ...	10	76·4	78·4	82·1	85·1	87·7	87·3	86·0	85·3	83·9	81·5	78·3	76·9	82·4
Salem ...	3	76·4	79·5	84·7	87·2	85·2	83·6	82·6	82·0	81·9	80·2	78·4	76·0	81·5
Coimbatore ...	3	73·3	76·4	81·0	83·1	81·2	78·2	77·2	76·9	77·5	77·0	75·7	73·3	77·6
Trichinopoly ...	3	76·0	78·7	84·5	83·3	87·8	86·8	86·7	85·0	83·9	80·9	78·3	76·4	82·8
Negapatam ...	3	76·3	77·9	82·0	85·1	85·6	86·0	85·6	83·7	83·2	81·4	78·7	77·1	81·9
Madura ...	3	77·0	79·3	83·2	86·5	85·3	84·8	85·4	84·1	83·8	80·4	79·4	77·0	82·2
Cochin ...	3	78·2	80·3	82·5	83·4	82·2	78·5	78·0	78·2	78·9	79·3	80·1	78·6	79·8
Colombo ...	8—9	79·6	80·4	81·9	83·2	83·0	81·6	81·2	81·1	81·1	80·8	80·5	80·3	81·2
Jaffna ...	6	78·4	80·1	83·5	85·6	85·0	84·0	83·2	83·0	82·9	82·4	80·3	78·8	82·3
Trincomalee ...	7—9	78·5	79·8	82·0	84·3	85·1	85·1	85·0	85·1	83·4	81·4	79·2	78·5	82·3
Batticaloa ...	7—8	78·3	79·0	81·2	83·5	84·4	85·2	85·0	84·1	83·3	82·4	79·8	78·7	82·1
Hambantota ...	8	78·8	79·6	81·1	82·6	81·9	81·6	81·4	81·2	80·6	80·7	79·9	79·2	80·7
Galle ...	8—9	78·2	79·6	81·2	82·0	81·8	80·5	79·9	80·1	79·9	79·9	79·4	78·7	80·1

TABLE V.—*Average monthly mean temperatures of stations in India, Ceylon, &c.*—concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Kandy ...	7—8	73·9	75·9	78·6	78·8	78·6	76·2	75·4	75·8	75·7	75·9	75·5	74·6	76·2
Newera Eliya ...	7—8	57·6	57·8	59·4	60·4	61·6	59·6	58·6	59·0	58·9	59·1	59·0	58·3	59·1
Akyab ...	8—10	69·3	72·8	78·6	83·4	84·5	82·0	80·8	81·3	81·9	81·3	77·4	71·6	78·7
Port Blair ...	9—10	78·9	79·4	81·5	83·7	81·7	81·3	80 6	80·1	79·7	79·9	80·3	79·4	80·5
Nancowry ...	4—5	78·7	79·9	81·0	82·0	80·9	80·1	80·0	79·1	79·2	78·2	78·9	78·5	79·7

TABLE VI.—*Comparison of monthly mean temperatures in 1877 with the averages of Table V.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh	+2·3	?	+0·6	+0·4	+2·3	+3·3	+1·6	+ 3·1	+2·7	+2·9	+2·7	—0·9	?
Murree	+1·2	—2·9	—1·4	—5·9	—2·8	—0·7	+3·8	+ 6·7	+1·6	—3·2	—1·5	—4·4	—0·8
Rawalpindi	+0·6	—4·6	—0·2	—4·9	—4·0	—3·2	+1·1	+ 3·4	+0·2	—2·0	+2·0	—1·0	—1·1
Sialkot	?	—3·3	?	?	—2·0	—0·4	+4·2	+ 5·9	+2·8	+0·7	+5·2	+2·6	?
Lahore	+0·7	—4·5	—1·3	—5·8	—3·3	+0·3	+4·5	+ 5·9	+3·3	—0·5	+3·5	—0 4	+0·2
Ludhiana	?	—3·0	—0·4	—3·3	—1·9	+0·7	+4·9	+ 4·7	+2·2	+0·7	+5·3	+1·5	?
Simla	—0·9	—2·8	—1·2	—7·5	—2·3	—1·1	+0·1	— 2·1	—1·5	—2·9	—0·2	—1·7	—2·0
Delhi	?	?	?	—3·5	—0·9	—1·0	?	?	+5·4	+1·7	+1·9	—1·2	?
Dera Ismail Khan ...	—1·9	+2·1	+2·5	—4·8	—3·4	—2·3	?	?	+0·8	+0·2	+2·8	+0·4	?
Mooltan	+0·7	—2·7	—1·5	—4·6	—2·5	—1·3	+0·1	+ 1·4	—2·8	—2·0	—0·9	—1·0	—1·4
Ajmere	—1·7	—5·7	—2·2	—5·2	—4·6	+0·6	+0·1	+ 4·7	+1·7	—1·9	+0·9	—2·8	—1·3
Chakrata	—1·4	—5·0	—3·0	—6·5	—2·7	—1·9	+0·1	+ 1·8	+1·6	—0·9	+1·2	—0·9	—1·5
Dehra	—0·2	—4·4	—2·5	—4·5	—2·4	+0·2	+3·3	+ 3·5	+3·7	+1·6	+4·1	+0·1	+0·2
Roorkee	—0·2	—5·5	—2·9	—4·3	—2·8	+0·5	+3·9	+ 4·6	+4·9	+0·6	+4·5	—0·5	+0·2
Ranikhet	—1·9	—5·1	—4·4	—7·4	—2·7	—0·8	+1·3	+ 2·1	+2·7	—1·1	+2·0	—0·8	—1·3
Meerut	—0·4	—5·5	—2·8	—5·8	—2·5	—0·7	+4·2	+ 7·5	+5·8	+2·7	+3·5	—1·0	+0·4
Bareilly	+2·0	—3·8	—2·1	—2·5	—0·8	+1·6	+4·7	+ 6·6	+7·2	+1·3	+3·7	+0·1	+1·5
Agra	+1·1	—3·7	+0·6	—1·6	—0·7	+3·0	+6·1	+11·4	+9·7	+2·8	+5·9	—0·5	+2·8
Lucknow	+1·3	—4·9	—1·3	—4·0	—1·4	+2·0	+3·8	+ 5·3	+6·8	+0·3	+4 4	0	+1·0
Gorakhpur	+2·1	—3 1	—1·5	—3·0	—0·9	+2·0	+2·5	+ 2·8	+4·4	—0·4	+2·3	—0·8	+0 5
Jhansi	+1·2	—4 2	—0·7	—3·4	—2·2	+3·0	+6·2	+ 7·7	+6·4	+2·8	+5·3	+0·6	+1·9
Allahabad	+0·1	—5·2	—2·6	—3·4	—0·8	+2·6	+5·5	+ 7·1	+5·9	+2·3	+5·3	+2·2	+1·6
Benares	+1·7	—5·3	—1·1	—3·1	—1·0	+2·3	+1·9	+ 2·6	+1·3	+0·3	+4·4	+2·2	+0·5
Sibsagar	+1·5	—1·0	+0·7	—0·4	—0 2	+0·9	0	+ 1·5	—0·8	—0·1	+1·4	+1·6	+0·4

TABLE VI.—*Comparison of monthly mean temperatures in 1877 with the averages of Table V.*—contd.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Goalpara	+0·1	−3·2	−0·4	−1·8	−0·5	+2·5	−0·2	+ 1·6	−1·0	−0·6	+1·2	−0·6	−0·2
Darjeeling	+1·2	−3·2	+0·4	−2·5	−0·4	+1·4	+0 8	+ 1·6	+0·2	+0·3	+2·3	+0·3	+0·2
Purneah	?	?	−0·1	?	?	?	?	?	+0·1	+0·7	+1·9	?	?
Patna	+0·9	−4·6	−2·0	−1·4	−1·4	+2·1	+1·5	+ 2·1	+3·1	+0·8	+3·8	+0·3	+0·4
Gya	+0·1	−4·9	−3·3	−4·6	−2·8	+1·1	+2·5	+ 1·4	+3·2	+0·9	+3·4	+1·4	+0·1
Hazaribagh	−0·2	−5·1	−2·1	−4·2	−2·6	+1·7	+1·6	+ 0·9	+2·6	+1·3	+3·1	+0·9	−0·2
Berhampore	−0·1	−5·1	−2·2	−4·5	−1·5	−1·3	−1·3	− 1·0	−0·3	−1·2	+1·3	−0·3	−1·5
Burdwan	+1·2	−3·2	−0·5	−2·4	−0·4	+0·4	0	− 0·1	+1·0	+0·5	+3·4	+1·6	+0·1
Jessore	−0·4	−4·9	−1·6	−2·5	−2·0	−0·7	−0·3	− 0·6	+0·3	+0·5	+2·6	+1·7	−0·7
Dacca	+0·6	−4·0	−1·5	−2·6	−0·1	−0 2	+0·2	+ 0·3	+0·5	+0·9	+1·7	+0·8	−0·3
Silchar	+0·8	−2·6	−0·3	−0·9	−0·7	+1·5	−0·2	+ 1·5	−0·6	−0·4	+2·1	+0·4	+0·1
Chittagong	+0·8	−3·2	−1·8	−1·8	+0·7	−0·5	+0·3	+ 0·2	+0·5	−0·2	+1·3	+0·7	−0·3
Calcutta	0	−4·8	−1·0	−2·0	−0·9	−0·5	−0·8	− 0·7	+0·3	−0·1	+2·3	+1·6	−0·6
Saugor Island ...	−1·0	−4·8	−0·7	−1·2	−0·3	0	+0·5	+ 0·3	+1·3	+1·2	+2·4	+1·6	−0·1
Cuttack	+0·1	−3·3	+1·0	−1·4	−0·7	+0·6	+1·5	+ 0·6	+1·6	+1·8	+3·2	+4·4	+0·8
False Point	−1·3	−3·7	−1·1	−2·1	−1·5	−1·2	−0·7	− 1·5	−0·3	+0·8	−0·7	+0·5	−1·1
Sambalpur	+1·1	+1·0	−0·7	−5·9	−4·6	+1·1	+3·5	+ 1·0	+2·2	+1·8	+2·2	+4·4	+0·6
Raipur	+0·3	+0·1	+0·9	−7·1	−6·7	+0·8	+2·1	− 1·2	+1·6	+0·1	+2·0	+4·0	−0·3
Nagpur	−0·9	−2·9	−1·9	−4·8	−4·2	+0·7	+1·5	+ 0·7	+1·9	+0·2	+1·7	+3·4	−0·4
Seoni	−·04	−2·8	−1·0	−5·7	−3·5	+1·0	+2·5	+ 1·3	+1·5	+1·7	+3·7	+3·2	+0·1
Jubbulpore	+0·3	−2·6	−0·5	−5·2	−5·3	+0·2	+3·0	+ 0·9	+1·7	+1·7	+2·6	+3·3	0
Saugor	−3·5	−4·9	−2·9	−4·0	−1·3	+3·6	+3·9	+ 4·6	+5·6	+2·4	+2 9	+0·8	+0·6
Pachmarhi	−0·8	−3·0	−2·0	−3·8	−2·3	+1·9	+2·9	+ 2·1	+2·8	+2·4	+3·7	+3·9	+0·7
Hoshangabad ...	−1·2	−3·4	−0·7	−2·6	−2·4	+1 9	+3·6	+ 1·8	+3·3	+1.1	+2·2	+0·5	+0·3
Khandwa	?*	?	?	?	?	−0·2	+2·3	+ 1·5	+3·7	+1·6	+2 7	+3·2	?
Buldana	+0·3	−1·1	−0·9	−1·9	+0·6	+3·2	+2 1	+ 2·1	+2·4	−0·5	+2·4	+1·6	+0·9
Akola	−0·2	−1·1	−1·1	−3·8	−1 2	+2·6	+3·0	+ 3 0	+3·9	+2·5	+4·0	+44	+1·3
Amraoti	−0·3	−1·2	−1·3	−3·6	−0·3	+2·5	+2·4	+ 2·8	+3·7	+1·7	+3·9	+2·9	+1·1
Chanda	+1·8	−0·1	+0·3	−6·6	−2·3	+2·8	+1·7	+ 1·8	+2·7	+2·5	+3·1	+6·6	+1·2
Kurrachee	+0·2	+0·9	+0·4	−0·3	+0·7	+0·2	+2·2	+ 1·8	+1·0	+2·1	+2·4	−0·8	+0·9
Deesa	+0·4	−0·6	−1·7	−0·7	−0·5	−0·3	+2·8	+ 4·0	+3·6	+2·2	+3·4	+1·6	+1·1
Bombay	+3·1	+1·7	+1·7	+1·0	+1·3	+2·0	+2·8	+ 2·7	+3·1	+1·9	+4·2	+4·0	+2·5
Poona	+1·4	−0·1	−0·8	−0·8	0	0	+2·2	+ 1·7	+2·3	−0·9	+0·9	+2·0	+0·7
Belgaum	+1·0	+0·8	+0·3	+0·4	+1·6	+1·1	+1·9	+ 1·4	?	−1·3	+0·7	+1·7	?
Vizagapatam	−0·6	−0·2	−0·5	−0·6	−0·5	+1·1	+3·0	+ 1·4	+0·6	+1·9	+1·2	+3·6	+0·9
Masulipatam	+0·8	+2·0	−0·7	−0·8	−0·4	+0·9	+3·1	+ 2·5	+0·6	+0·1	+1·3	+2·7	+1·0

TABLE VI.—*Comparison of monthly mean temperatures in 1877 with the averages of Table V.*—concld.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Bellary	+1·1	+2·0	+0·1	—0·6	+0·4	+0·3	+1·5	+ 1·0	—0·1	—2·2	—0·2	+1·8	+0·4
Bangalore	+0·8	+2·3	—0·4	+0·5	+1·0	+0·1	+2·2	+ 1·5	0	—0·5	0	+1·4	+0·7
Madras	—0·5	+0·3	—2·3	—1·8	—3·3	—0·9	+0·4	— 0·6	—1·0	+0·2	+0·2	+1·7	—0·6
Salem	+1·3	+2·6	—0·9	+0·6	+1·1	—0·1	+2·7	+ 1·6	—0·2	—0·7	0	+0·5	+0·7
Coimbatore	+0·8	+1·8	—0·7	+0·7	+1·4	—0·2	+1·4	+ 1·2	+0·9	—0·2	+0	+1·3	+0·7
Trichinopoly	+0·3	+1·8	—1·3	—0·7	—0·4	+0·1	+0·9	+ 1·9	—0·4	—0·8	0	+0·6	+0·2
Negapatam	+0·3	+1·4	—0·6	—0·5	—0·7	+0·2	—0·2	+ 1·6	—0·4	+0·2	+0·3	+1·3	+0·2
Madura	+1·3	+2·4	—0·3	+0·5	+0·5	+0·3	+1·6	+ 2·7	—0·1	—0·4	0	+1·1	+0·8
Cochin	+1·0	+1·1	—0·6	—0·6	—0·1	—0·4	+1·7	+ 1·2	+0·3	—0·4	—0·1	+0·8	+0·3
Colombo	—1·2	+0·2	—0·2	—0·4	—2·2	—0·6	+0·9	+ 0·6	—0·5	—0·4	—0·4	+0·3	—0·3
Jaffna	+1·0	+0·7	—0·4	+0·9	+0·9	+0·2	+1·1	+ 0·5	+0·8	—0·2	+0·2	+0·7	+0·5
Trincomalee	+0·6	+1·2	—1·2	—1·5	—2·5	—2·4	—0·8	— 1·1	—3·1	P	P	P	P
Batticaloa	+0·2	0	—0·9	—0·5	—0·8	0	—0·2	+ 1·2	—0·6	—0·7	+0·3	+1·4	—0·1
Hambantota	+0·5	+0·5	—0·1	+0·3	—0·5	—2·2	—1·4	— 1·3	—0·9	—1·0	0	+1·0	—0·4
Galle	+0·4	+0·4	—0·1	+0·1	—0·2	—0·3	+0·9	+ 0·3	—0·5	—0·4	—0·1	+0·9	+0·1
Kandy	+3·4	+1·1	+0·9	+2·0	+1·0	+0·7	+1·7	+ 1·6	+2·0	+1·9	+1·4	+2·1	+1·6
Newera Eliya ...	—3·2	—2·8	—3·0	—2·4	—1·3	—0·7	+1·3	+ 0·2	+0·3	—0·2	—0·6	+0·8	—1·0
Akyab	+1·6	—0·7	—0·5	—0·5	+2·2	+0·4	—0·4	— 0·5	+0·1	+0·3	+0·8	+0·4	+0·3
Port Blair	+0·3	—0·5	—0·8	+0·2	+2·1	—1·1	+0·9	+ 0·2	—0·5	+0·1	+0·8	+1·4	+0·3
Nancowry	+1·4	+0·9	+1·4	+2·8	+3·3	+1·4	+2·1	+ 1·0	+1·2	+1·7	+1·8	+1·9	+1·7

In January the temperature generally ranged above the average, except at the hill stations and over a narrow area stretching in a curved line from Roorkee, past Jhansi and Ajmere, to the Central Provinces, and around the head of the Bay of Bengal. The defect was generally small in amount, and was greatest at the hill stations of Ranikhet and Chakrata. The excess was greatest at Kandy, where it amounted to 3·4°, and at Bombay, where it amounted to 3·1°. It averaged 1½° in the Punjab and North-Western Provinces, 1° in the Deccan and Southern India, and ½° in Bengal and Behar. The temperature returns of Port Blair, Nancowry, and Akyab indicate that the temperature over the south-east of the Bay of Bengal was nearly 1½° in excess.

The first four days of the month was a cold period over the whole of Northern India. The minimum temperatures of the air in the shade for the month were generally registered during this interval at stations in this portion of India. Amongst the lowest temperatures recorded were 37·0° at Lahore on the 2nd, 34·9° at Dera Ismail Khan on the 2nd, 35·6° at Ajmere on the 3rd, 37·9° at Jubbulpore on the 1st and 2nd, 37·9° at Sutna on the 1st. The minimum temperature observed during the month in the North-Western Provinces was 41·3° at Lucknow on the 2nd.

The isotherms of the month run nearly parallel to the parallels of latitude. The maximum mean temperature in the shade during the month was in Central Ceylon, at Kandy. Reduced to sea-level, the mean temperature there was 81·0°. The minimum temperature was at Peshawar, where the average for the month was 51·9°. This gives a mean range of 29·1° for the whole of India during the month.

In February the temperature was considerably below the average over the whole of Northern India. It was in excess in Sind, Guzerat, Bombay, the Deccan, Southern India, Ceylon, Orissa, and the south-east of the Bay. The deficiency in Northern India averaged 5° in the North-Western Provinces, Behar, Chutia Nagpur, and West Bengal; 4° in Northern Bengal; 3° in the Punjab, Central Provinces, and the Berars; 2° in Assam, and ½° in Arakan. The defect exceeded 5° at the following stations:—

Ajmere	5·7°	Hazaribagh	5·1°
Ranikhet	5·1°	Meerut	5·5°
Roorkee	5·5°	Benares	5·3°
Allahabad	5·2°	Berhampore	5·1°

The excess in Western India was not great. It averaged 1° in Sind, 1½° at Bombay, 2° in the Deccan and Southern India, 1° in Orissa and in the Nicobars, and ½° in Ceylon.

In consequence of the opposite character of the variations of temperature in Northern and Southern India, the range of temperature over India was excessive. The isotherm of 80° included the whole of the peninsula south of the Kistna. The highest mean temperature for the month (84·2°) occurred at Salem. The northern half of the Punjab was included within the isotherm of 55°. The lowest mean temperature (at Rawalpindi) was 50·9°. The difference between the temperatures of these two stations or the mean temperature range for the month was 33·3°.

The minimum temperatures in the shade were unusually low for the month, and were slightly below those of the cold period of the preceding month. In the hill stations and Northern India the coldest period of the month lasted from February 9th to the 12th. There was also a cold period from the 1st to the 5th. The minimum temperatures of the month at the following stations were —

Simla	(9th) 20·0°	Agra	(5th) 39·9°
Chakrata	(9th) 21·8°	Lucknow	(6th) 40·8°
Peshawar	(9th) 31·7°	Allahabad	(11th) 43·2°
Lahore	(2nd) 35·8°	Patna	(11th) 43·4°
Mooltan	(10th) 36·0°	Jubbulpore ...	(16th) 42·9°
Delhi	(5th) 40·3°	Deesa	(9th) 46·4°
Roorkee	(2nd) 38·8°	Bombay	(9th) 62·0°
		Goa	(9th) 70·5°

The temperature variations of the month of March were similar in kind, but less in amount than those of the preceding month. The temperature was generally below the average, except in Sind, Guzerat, the Bombay coast, Orissa, and the Nicobars. The deficiency averaged 2° in Behar, the North-Western Provinces, and the Central Provinces, 1½° in Rajputana, 1° in the Punjab, Bengal, Ceylon, the Deccan, and Southern India. The excess in Bombay and the Nicobars was 1½°, in Orissa 1°, and in Sind ½°.

The maximum temperature for the month defined by the isotherm of 85° occurred in the Central Deccan, including Poona, Sholapur, and Bellary. The isotherm of 80°

included the whole of the peninsula south of a line joining Deesa to Saugor Island. North of this the isotherms were parallel to the lines of latitude. The temperature diminished rapidly northwards. The maximum mean temperature for the month was at Bellary (88·5°), and the minimum at Peshawar (63·3°). This gives a mean temperature range of 25·2° over the peninsula for the month. The distribution of temperature differed very slightly from that of the corresponding month of March 1876, but very considerably from that of March 1875.

The temperature in April was largely in defect over the whole of India, except along the west coast and in Southern India. The defect averaged 4½° over Northern India. It was greatest in the Rohilkhand and Meerut Divisions of the North-Western Provinces, and at Raipur and Chanda, where it exceeded 6°. It averaged 4½° in the Central Provinces and in the Punjab, 3½° in Behar, 3° in the eastern districts of the North-Western Provinces, and 2° in Bengal, and 1° along the Coromandel Coast. The following are the stations at which the defect exceeded 5° :—

Murree	5·9°	Ajmere	5·2°
Simla	7·5°	Raipur	7·1°
Chakrata	6·5°	Chanda...	6·6°
Ranikhet	7·4°	Sambalpur	5·9°
Lahore	5·8°	Seoni	5·7°
Meerut	5·8°	Jubbulpore	5·2°

The variations were unusually slight in the Deccan, Western and Southern India.

The maximum mean temperature of the month occurred in the Central Deccan, at Bellary, and its neighbourhood, where it was slightly in excess of 90°.

The mean temperature of the month of May was generally in defect, except along the west coast of India and over the east of the Bay, from the coast of Arakan to the Nicobars. The deficiency at the majority of stations was less in amount than during the preceding month. The defect was greatest in the Central Provinces, and in Central Rajputana, where it averaged 4½°. It amounted to 3° in the Punjab, 2½° in Behar and the western districts of the North-Western Provinces, 1½° in Ceylon, and 1° in Bengal, Oudh, and the central and eastern districts of the North-Western Provinces.

Hyderabad, the Berars, the Central Provinces, Central India, Bandelkhand, the Lower and Central Gangetic Doab, and the greater part of Rajputana formed the area of maximum temperature, and are included within the isotherm of 90° in the chart for the month. The whole of India, except the Malabar Coast, the northern districts of the Punjab, Eastern Bengal, and Assam, are included within the isotherm of 85°. The maximum mean temperature of this month, 93·8° (reduced to sea-level), was at Jhansi, and the minimum (77·5°) at Sibsagar, in Assam. The mean thermometric range for the month over India was, therefore, 16·3°. Maximum day temperatures exceeding 113° were observed at Allahabad (where the highest temperature of the month was recorded), Benares, Agra, and Jhansi, and between 110° and 113° at Bareilly, Lucknow, Ajmere, Sutna, Cuttack, Sambalpur, Raipur, and Nagpur.

The temperature variations during the preceding five months were remarkably persistent, and evidently due to some general action extending its influence over the whole of Northern India. Another set of meteorological conditions now came into play, producing increased temperature, unusual dryness, and scanty rainfall during the rainy

season proper in the North-Western Provinces, Punjab, and Rajputana. The mean temperature during this transition period was very slightly above the May temperature. The temperature variations for the month of June, it will be seen, show the progression from the one set of conditions to the other.

The temperature was 1° in defect in the Punjab, ½° in Bengal, and from ½° to 2° generally in Madras, Southern India, and Ceylon. It was 2½° in excess in the North-Western Provinces and the Berars, 2° in Behar and Assam, 1½° in the Central Provinces and Bombay, 1° in the Deccan, and 1½° at the Nicobars.

The isobar of 95° is defined by the stations of Jacobabad, Ajmere, Agra, and Jhansi, and included the greater portion of Rajputana, and the adjacent districts of Bandelkhand, the North-Western Provinces, and Sind. Maximum in shade temperature exceeding 115° were recorded during the month at Jacobabad, Ajmere, Lahore, Agra, Hyderabad, Jhansi, and Sirsa. The highest (118·9°) was recorded at Jacobabad on the 9th.

In July the temperature was generally in excess. The only exceptions were Assam and Eastern Bengal. The excess was greatest at Agra and Jhansi, where it exceeded 6°. It averaged 4° in the Punjab and western and central districts of the North-Western Provinces, 2½° in Bombay, Central India, the Central Provinces, Chutia Nagpur, Orissa, and Ganjam, 2° in Sind, Behar, the Deccan, and Southern India, and ½° in Bengal. The temperature, in consequence of the increased humidity, was over the whole of India lower than during the preceding month. The isotherm of 90° included the North-Western Provinces, the Punjab, and the northern districts of Sind and Rajputana. The maximum temperature of the month was at Lahore (94·8°). The minimum temperature was that of Cochin (79·7°), giving a mean range of 15·1° over the whole of India.

The diminished temperature in Assam was evidently due to the excessive rainfall over that area during the month.

Maximum shade temperatures of 110° and upwards were recorded at the following stations:—

Peshawar	(10th)	112·9°
Lahore	(12th)	112·5°
Jacobabad	(16th)	112·1°
Rawalpindi	(27th)	110·0°
Dera Ismail Khan	(5th & 12th)	110·5°

The temperature of August was above the average over the whole of India, except in Western Bengal, the Orissa coast, and Arakan. It was excessive in the North-Western Provinces, over which the temperature variations ranged from 11·4° at Agra to 2·6° at Benares. The excess averaged 5° in the Punjab and in Central Rajputana, 2° in Behar and Assam, and from 1° to 2½° over the Peninsula proper, *i. e.*, south of a line joining the head of the Gulf of Cambay and mouth of the Ganges.

In consequence of these excessive variations, the temperature was in Northern India higher than during the previous month. The isotherm of 95° included the stations of Lahore, Sirsa, Delhi, and Agra, which consequently define the region of maximum temperature during the month. The isotherm of 90° included very nearly the same districts as during the previous month. The maximum temperature for the month was at Agra (97·5°), and the minimum at Belgaum (78·0°). This gives a temperature range of 19·5° for the month.

In the month of September the temperature variations were generally similar in kind, but less in amount than in August. The mean temperature of the month was in excess, except in Assam, Arakan, the Deccan, and Southern India. The excess was greatest in the North-Western Provinces, where it ranged from 4° to 9°. It reached its maximum at Agra, where the excess was 9·7°. It averaged 4° in the Central Provinces, 3° in the Punjab, Behar, Guzerat, Bombay, and the Berars; 2° in Central Rajputana, 1° in Bengal, Orissa, and the Coromandel Coast. The deficiency in Assam, Arakan, and the Deccan was small, nowhere exceeding 1°.

The temperature of the month of September was generally from 3° to 5° below that of the preceding month. The mean temperatures of Jhansi, Agra, Lucknow, Bareilly, and Meerut exceeded 90°; the highest occurring at Agra, where it was 94·6°. The isotherm of 90°, which defines the area of maximum temperature for the month, includes the greater part of the North-Western Provinces. The lowest temperature was along the Malabar Coast and in the Western Deccan. The minimum mean temperature for the month is that of Belgaum (78·4°). The difference between this and the temperature of Agra is 16·2°, which gives the thermometric range for the month over the whole of India. Maximum temperatures exceeding 105° were recorded at Jhansi (106·5°), Agra (107·7°), Ajmere (108·2°), Mooltan (105·9°), Sirsa (109·9°), Dera Ismail Khan (108·5°), Lucknow (105·8°), Lahore (107·3°), Allahabad (105·5°), Benares (105·5°), Jacobabad (115·3°).

During the month of October the temperature variations were much less and more varied than they were during the preceding three months. The temperature was below the average along the base of the Himalayas, in Assam and Eastern Bengal, and over the Deccan and the whole of Southern India and Ceylon. It was in excess over the remainder of India. The excess averaged 2° in the Punjab, the North-Western Provinces, the Central Provinces, the Berars, Rajputana, Guzerat, Sind, and at Bombay. It varied from 1° to 1½° in Bengal, Behar, and Chutia Nagpur. The deficiency was greatest in the Central Deccan, where it was 1°. In the other districts of defective temperature for the month, the defect varied from ½° to 1°.

The month of October generally presents a near approach to equality of temperature over the whole of India. The mean temperature of the northern districts of the Punjab in October 1877 varied from 70° to 75°. In Sind, the northern districts of Rajputana, the Central Provinces, and the whole of Northern India north of the Ganges, in the Western Deccan, and along the west coast of India, from Ratnagiri southwards, the mean temperature for the month ranged between 75° and 80°. Over the remainder of India the temperature varied from 80° to 85°. The maximum temperature for the month was that of Vizagapatam (85°), and the minimum that of Rawalpindi (70·6°). This gives a temperature range of 14·4° for the whole of India at this period. October is usually a month of much greater daily range of temperature than the preceding months. Maximum temperatures exceeding 105° was observed at Ajmere (108·2°), Agra (107·7°), Lucknow (105·8°), Jhansi (106·5°), Allahabad (106·7°), Benares (105·9°), Lahore (106·5°), Delhi (106·1°), Sirsa (106·6°). Hence the North-Western Provinces, the adjacent districts of the Punjab, and Rajputana formed the area of maximum day-temperature at this period.

The temperature variations of the next month (November) were considerable. The temperature was normal in the Deccan and Southern India; over the whole of Northern

and Central India it was excessive. The excess was greatest in the Punjab, North-Western Provinces, Behar, Bombay, and the Berars, over which it averaged 3°. It was absolutely greatest at Agra, where it was 6°. To the south of this, in Sind, Guzerat, Central India, the Central Provinces, Chutia Nagpur, and Bengal, the excess varied from 2° to 3°. In Arakan, the Andamans, and along the Ganjam coast it averaged 1°.

The diminution of temperature is always rapid in November. A comparison of the temperature variations of the present month with that of October indicates that the decrease was much less than the average. It amounted to 10° in the northern districts of the Punjab, and varied from 4° to 8° over Northern India, and from 2° to 4° over Central and Southern India. The maximum mean temperature of the month is that of Bombay (82·1°), and the minimum that of Peshawar (63·0°). This gives a mean temperature range for India during the month of 19·1°.

The temperature was generally in excess during the month of December. The excess was greatest in Bombay, the Berars, the Central Provinces, and Orissa, where it varied from 3° to 6°. It was a maximum at Nagpur. In the Deccan, Southern India, Ceylon, Bengal, and Behar the excess averaged 1°. It amounted to 1½° at the Andamans and Nicobars. The temperature was slightly in defect in Upper India, over which it averaged 1°. It was only considerable at Murree and Peshawar, where it amounted to 4°.

The fall of temperature during the month was very considerable in Upper India. It varied from 8° to 10°. In Central India it ranged from 2° to 4°; whilst in the Deccan and Southern India the temperature diminished very slightly—in no case more than 2°. The maximum temperature of the month at Colombo was 80·7°, and the minimum 53·4° at Peshawar. The mean temperature range for India was consequently 27·3°.

An examination of Table VI indicates the following important facts respecting the mean temperature of the year:—

1st.—The temperature at all the hill stations, excepting Darjeeling, was in defect. The following gives the amount of the defect for each—

Murree	...	...	0·8°	Ranikhet	...	...	1·3°
Chakrata	...	...	...	1·5°			

It may, therefore, be assumed that the temperature of the whole Himalayan region was below the average, and that the deficiency was most marked in Kumaon and Garwhal.

The temperature at the hill station of Newera Eliya in Ceylon was also 1·0° below the average for the year.

2nd.—The mean temperature for the year of the North-Western Provinces, Bombay, the Berars, and the Deccan was generally considerably in excess. The following gives the more important variations from the mean in the North-Western Provinces—

Agra	...	...	2·8°	Bareilly	...	...	1·5°
Allahabad	...	...	1·6°	Jhansi	...	...	1·9°
Lucknow	...	...	...	1·0°			

and for Sind, Guzerat, Bombay, and the Berars—

Bombay	...	...	2·5°	Deesa	...	...	1·1°
Chanda	..	...	1·2°	Akola	...	...	1·3°
Kurrachee	...	...	0·9°	Amraoti	...	...	1·1°

The increase of the temperature in the Deccan and Southern India was less in amount than over the preceding districts. The following gives the mean for the more important stations:—

Poona ...	... 0·7°	Bellary ...	... 0·4°
Masulipatam ...	... 1·0°	Vizagapatam ...	... 0·9°
Coimbatore ...	... 0·7°	Bangalore ...	... 0·7°
Madura ...	... 0·8°	Cochin ...	... 0·3°

The increase at Nancowry (1·7°) was very marked; and judging from the returns of Akyab and Port Blair, it indicates an excess of temperature over the east and south-east of the Bay of Bengal. Elsewhere the variations were small and unimportant.

The mean monthly temperature during the year given by the monthly means, as has already been indicated in the preceding discussion, was characterized by very marked variations from the mean monthly temperature derived from previous years. The following gives the more important variations from the normal distribution of temperature:—

1st.—The temperature variations at stations in Northern and Central India were generally opposite in character to those of the Deccan, Western and Southern India. Thus, from February to May, the temperature was in excess in Sind, Guzerat, the Malabar Coast, and the Western Deccan; whilst it was generally below the average over the rest of India. Again, from July to November, the temperature was considerably in excess in Upper and Central India. The variations were during this period small in Western India and the Deccan. The temperature was, however, slightly in defect at the majority of stations in that area.

The two following tables mark the contrast—

Month of April.

	Variation from mean of month.				
Lahore	... — 5·8°	Jubbulpore	... — 5·2°	Bombay	... + 1·0°
Meerut	... — 5·8°	Chanda	... — 6·6°	Belgaum	... + 0·4°
Hazaribagh	... — 4·2°	Pachmarhi	.. — 3·8°	Bangalore	... + 0·5°
Raipur	... — 7·1°	Simla	... — 7·5°	Coimbatore	... + 0·7°

Month of September.

	Variation from mean of month.				
Lahore	... + 3·3°	Nagpur	... + 1·9°	Bangalore	... 0
Delhi	... + 5·4°	Akola	... + 3·9°	Madras	... — 1·0°
Roorkee	... + 4·9°	Deesa	... + 3·6°	Bellary	... — 0·1°
Agra	... + 9·7°	Bombay	... + 3·1°	Trichinopoly	... — 0·4°
Allahabad	... + 5·9°	Poona	... + 2·3°	Negapatam	... — 0·4°
Patna	... + 3·1°	Khandwa	... + 3·7°	Colombo	... — 0·5°

The above comparison sufficiently indicates the opposite character of the temperature variations in Northern and Southern India.

The line of separation between the two areas of opposite variations is necessarily not very definite, but is fairly well marked by the belt of excessive pressure that ran across the head of the Peninsula proper, and which will be fully described in the discussion on the distribution of pressure during the year.

2nd.—The second characteristic feature is the unusually low temperature over Northern India during the dry weather months, February to May. The defect was very marked during February, was less in amount in March, and was again excessive in April and May.

The following table gives the amount of the deficiency for several of the more important stations for the months of February, March, April and May.

	February.	March.	April.	May.
Lahore	—4·5	—1·3	—5·8	—3·3
Roorkee	—5·5	—2·9	—4·3	—2·8
Delhi	?	?	—3·5	—0·9
Bareilly	—3·8	—2·1	—2·5	—0·8
Agra	—3·7	+0·6	—1·6	—0·7
Allahabad	—5·2	—2·6	—3·4	—0·8
Lucknow	—4·9	—1·3	—4·0	—1·4
Ajmere	—5·7	—2·2	—5·2	—4·6
Patna	—4·6	—2·0	—1·4	—1·4
Goalpara	—3·2	—0·4	—1·8	—0·5
Calcutta	—4·8	—1·0	—2·0	—0·9
Jubbulpore	—2·6	—0·5	—5·2	—5·3
Nagpur	—2·9	—1·9	—4·8	—4·2
Sambalpur	+1·0	—0·7	—5·9	—4·6
Cuttack	—3·3	+1·0	—1·4	—0·7

3rd.—The last important feature was unusually high temperature over the greater part of Northern and Central India during the months July to November. This temperature variation reached its maximum in August. The excess was greatest in the North-Western Provinces and the southern districts of the Punjab.

The excess of temperature at typical stations in the Punjab, Rajputana, and the North-Western Provinces for the months of July, August, and September is given in the following table.

	Excess in July.	Excess in August.	Excess in September.	Average for whole period July to September.
Lahore	+4·5	+ 5·9	+3·3	+4·6
Roorkee	+3·9	+ 4·6	+4·9	+4·5
Delhi	?	?	+5·4	?
Bareilly	+4·7	+ 6·6	+7·2	+6·2
Agra	+6·1	+11·4	+9·7	+9·1
Lucknow	+3·8	+ 5·3	+6·8	+5·3
Allahabad	+5·5	+ 7·1	+5·9	+6·2
Ajmere	+0·1	+ 4·7	+1·7	+2·2
Patna	+1·5	+ 2·1	+3·1	+2·2

The principal and more characteristic variations in the temperature of India during the year 1877 have been enumerated in the preceding paragraphs. The temperature was generally below the average during the first five months of the year, and above it during the remainder of the year, over the whole of Northern and Central India. The effect of these two prolonged and opposed variations in the temperature was to give the North-Western Provinces, Behar, the Central Provinces, the Berars, and the Deccan increased mean temperature for the year. This excess in the case of several stations amounted to 2° and 3°, and averaged 1½° over the whole area. The increase, although absolutely

perhaps not very large, occurred over an extensive area, and hence implies the prolonged existence of abnormal conditions and actions.

For these variations excessive in amount from the normal distribution of temperature in India during the year 1877 some physical explanation is required. The discussion of smaller variations between adjacent stations, which generally depend upon local geographical and other peculiarities, would be out of place in this volume.

Considerable variations of temperature of the same kind (*i. e.*, either increase or decrease), and lasting for some months, can apparently be only due to one or more of the following actions or conditions :—

1st.—Increase or decrease in the amount of the solar radiant heat. This would apparently affect all the meteorological elements over the whole surface of the earth ; although not necessarily at all places in the same direction, yet the sum-total would, on the whole, be increased amounts. It would on the average over the whole world increase the temperature, increase the amount of evaporation, increase the transfer of air and aqueous vapour due to differences of temperature (and, therefore, to the action of heat). It would probably increase the amount of rainfall and also of snowfall in the higher regions, and, as a consequence of this last result, the area of glacier formation might increase, and thus increased cold might be produced in the higher mountain and adjacent regions. This variation of the amount of the solar radiation is difficult, however, to establish from observation ; although it is an almost self-evident principle, that variations must occur, the periods of which are coincident with the sun-spot period and any other periodic changes of the solar photosphere. Before the extent of this action can be estimated, the local effects of all the various irregularities must be eliminated. Consequently, although it is a *vera causa*, its action must be estimated last of all.

2nd.—Increased humidity of the air, more especially in the higher strata, by absorbing a larger proportion of the solar radiant heat in its passage through the atmosphere, might produce, or give rise to, diminished temperature in the lower strata, and *vice versâ* for diminished humidity. A more important effect of this would evidently be to alter the daily range of temperature, increased humidity diminishing the daily range, and diminished humidity increasing it.

3rd.—Increased or diminished wind velocity might in certain cases tend to equalize the temperature over a considerable area on the one hand, or on the other tend to exaggerate local peculiarities of temperature distribution.

4th.—The absorption of heat in some change of molecular state on a large scale ; as, for example, the melting of a greater depth of snow than usual over a large area, like the Himalayan region, might diminish the temperature considerably.

5th.—An alteration of wind direction, or of air motion, over a considerable area, by which the lower atmospheric currents came from a warmer or colder region than usual, or from a drier or more humid region, might evidently alter the temperature of that area considerably.

6th.—If the surface-soil is drier than usual over a large area, a less quantity of the solar radiation will be employed in the work of evaporation, and consequently a larger portion be employed in heating, first of all the surface-soil, and afterwards by conduction and convection currents, the superincumbent air. The opposite rule is the case when the surface-soil is moister than usual.

The only one of these actions which it is necessary to discuss at length is the effect of excessive snow-accumulation in the Himalaya.

When the altitude or extent of the Himalayan mountain mass be taken into account, it is evident that it must exercise a very important influence on the meteorology of India. This mountain barrier, 2,000 miles in length, and the breadth of which according to no

estimate can be assumed less than 200 miles, and which attains an altitude in its central axis of from four to five miles, entirely shuts off India, physically as well as politically, from the regions to the north. It is probable *a priori* that there is no alternation of polar and equatorial currents, such as forms one of the chief characteristics in European meteorology. This *a priori* conclusion is confirmed by experience, that, so far as the lower strata of the atmosphere are concerned, there is no interchange on a large scale between Central Asia and India. There is always a certain amount of interchange between mountains and plains. This is met with on a very large scale in the Himalayas and Northern India. Day winds of considerable strength blow up all the large river valleys and reverse currents blow down them at night. There is also undoubtedly air-motion between Central Asia and the Indian Ocean. The snowy mountains of that region feed numerous rivers, which fertilize small isolated tracts of an otherwise arid and desolate region, and thus testify to the existence of an oceanic air-current bringing moisture from distant sources of considerable evaporation. This air-current is, of course, the upper south-west return current of the north-east trades. This becomes, during the south-west monsoon, an air-current of the lower atmosphere in Southern Asia. Hence, it is probable that the higher Himalayas and the regions to the north receive their scanty rainfall and main supply of moisture during the cold-weather months. At Leh, the most cloudy months are February, March, and April.

The snowfall of the Lower Himalayas occurs chiefly during the months of December, January, and February. In March it falls occasionally in considerable amounts over the higher elevations. The snow in the upper valleys melts slowly during the month of March. These valleys and the lower passes are usually free of snow and open in the latter part of the month of April. About the beginning of this month, too, the weather generally becomes fine and the sky clear. Melting of the snow proceeds rapidly and fills the mountain torrents and streams, carrying down large quantities of detritus and sediment from the mountain sides. The mountain streams and rivers, which were before of a decided blue colour, rapidly rise and become discoloured. This change generally occurs in the middle of April or beginning of May. The chilling effect due to the melting of larger quantities of snow than usual ought apparently to be a maximum during the months of April and May, when the snow-accumulation in the higher valleys and middle mountain heights is melting and the atmospheric conditions are most favourable.

A rough calculation shows that if the amount of heat necessary to melt a mass of snow equivalent in weight to a depth of four inches of water over the length of the Himalayas and a breadth of fifty miles were withdrawn or obtained from the whole atmosphere over India, it would be cooled down equally throughout from 70° to 80°. The result of this calculation indicates in a simple manner the enormous amount of heat absorbed during the process of snow-melting over a large area like the Himalayan region, and also suggests that the melting of unusually large snow-accumulations might, under certain conditions, be accompanied with a very considerable decrease of temperature over the adjacent regions.

Excessive snow-accumulation in the Himalayas during the cold-weather season, and its subsequent melting, would not only be accompanied by general diminution of temperature, but this diminution would probably have two maximum periods; the first occurring during the period of most rapid accumulation of snow, and the second during

the period of most rapid melting. The first probably occurs in the latter part of January and in February. The second during the months of April and May, when the accumulations in the higher valleys and the adjacent parts of the mountain are being melted. The actual variations of the temperature of Northern India during the first five months of the year 1877, it has already been seen, correspond with this inference.

There are other ways, besides that of the direct absorption of heat in the molecular change of condition from the solid to the fluid state, in which snow-accumulation might affect the temperature of the adjacent regions. For example, after snowfall, the dryness of the air is considerable, and terrestrial radiation proceeds rapidly. Hence on this account alone the night temperatures will tend to be unusually low. Also, as long as the snow is on the ground, the solar radiant heat is employed almost entirely in the process of melting. The air, which is heated by convection from the surface of the earth rests upon a surface of nearly uniform low temperature (32°), and hence tends to assume and maintain the same temperature. Hence over the Himalayan region the lower air at such a period tends for a considerable time to preserve a uniformly low temperature. Thus, with reference to the plain regions to the south, the Himalayan area is a region of prolonged low temperature, and hence gives rise to stronger convection currents than usual between the two areas, by which the temperature over the Gangetic plain is reduced.

It might also be supposed, as a further consequence of this, that the greater cold in the Himalayas would modify the wind directions in Northern India, and that the wind directions at stations in the Gangetic valley, more especially those in the neighbourhood of the hills, would present a stronger northerly element than usual.

It should, however, be remembered that the cold winds from the Himalayan sources of cold blow chiefly down the valleys, and hence are not felt strongly, or perhaps not at all, except during storms, at the hill stations. They constitute in Rohilkhand and the Sub-Himalayan districts of Upper India powerful winds during the early months of the year, more especially in March and April, and have locally various names. The directions of these mountain valley-winds depend at their exit into the plains on the direction of the mountain valleys at their embouchure. Consequently they do not necessarily by increase of strength give any definite or strongly-marked tendency to the atmospheric air motion in the Gangetic valley. They are like the innumerable rills and streams which pour into the main river and which form it, but whose directions have little to do in determining the direction of the main stream. The evidence of the wind motion over Northern India does, however, confirm this supposition of a stronger and more direct influence than usual. It will be seen from the discussion on the winds that many of the stations in Northern India presented during this period a stronger northerly element than usual.

The heavy rainfall of the cold weather of 1876-77 in Upper India naturally suggests the occurrence of much larger snowfall than the average over the Himalayan region. The extract quoted in Mr. Blanford's Report of 1876 from the Report on the operations of the Great Trigonometrical Survey for the year 1877 confirms this. Mr. Ryall, speaking of the difficulties he met with in commencing survey operations in 1877 in Garhwal and Kumaon, says:—

"The winter of 1876-77 proved to be one of the severest known for many years past among these hills; the spring was wet and cold, and felt quite wintry. When I left Dehra Dun I was in hopes that

the wet weather would not last long; it, however, continued with intermissions till the 8th June, the most noticeable break up to that time being from the 9th April to the 17th.

* * * * * *

"Mountains which in ordinary years have their snow lines at the end of April at an elevation of 12,000 feet above the level of the sea were mantled with snow down to 9,000 feet, and valleys which at that time of the year used to be clear of all snow up to 10,000 feet were literally choked with snow down to 6,000 feet, this accumulation on the valleys being caused by snowdrifts and avalanches from the mountain side."

Other evidence of a similar character might be quoted. Thus a note in the *Simla Guide Book* states:—

"In 1866, a very severe winter, snow fell on 3rd February (at Simla) to a great depth, over four feet. The winter of 1876-77 has been the severest known since then. Several heavy snow-storms occurred, and the snow collected in great heaps, blocking up the thoroughfares."

Hillmen with whom I have conversed all speak of the unusually heavy amount of snow.

The year 1866 has been mentioned as one of excessive snowfall. The only available returns for the meteorology of Northern India of that year are the Report of the Meteorology of the North-Western Provinces for that year and the observations at Calcutta. The comparison of the two years, although it is doubtful whether the thermometric observations are strictly comparable, presents similar large variations, and hence adds to the probability of the conclusion, that the excessive snow-accumulation in the Himalayas was one very large and important element in producing the abnormal features of both years.

Comparison of Temperature.

			January.	Variation from January mean.	February.	Variation from February mean.	March.	Variation from March mean.	April.	Variation from April mean.	May.	Variation from May mean
Roorkee	Maximum in shade	1866	67·5	+2·6	72·9	—1·7	87·7	+4·1	95·0	—1·7	106·4	+1·5
		1877	67·9	—2·2	66·9	—7·7	79·9	—3·7	89·0	—7·7	98·0	—4·9
	Minimum in shade	1866	51·6	+8·2	45·0	—5·6	57·0	+1·6	65·0	—3·5	72·8	—0·6
		1877	46·7	+3·3	45·1	—5·5	56·2	+0·8	63·3	—1·7	72·0	—1·4
	Mean	1866	56·7	—0·1	58·9	—2·7	74·0	+3·6	77·9	—3·7	89·5	+1·3
		1877	56·6	—0·2	55·6	—5·5	67·3	—2·9	76·8	—4·3	85·2	—2·8
Agra	Maximum in shade	1866	70·5	—0·2	76·0	—1·1	92·3	+3·4	99·4	—0·8	110·7	+5·4
		1877	70·7	0	73·5	—3·6	88·8	—0·1	96·0	—4·2	103·1	—2·2
	Minimum in shade	1866	46·7	—1·7	47·0	—7·9	60·2	—3·1	66·0	—7·8	77·0	—4·9
		1877	49·7	+1·3	47·8	—7·1	62·9	—0·4	71·9	—1·9	80·2	—1·7
	Mean	1866	58·5	—0·9	61·8	—3·1	76·2	+0·2	82·6	—3·9	90·5	—2·4
		1877	60·5	+1·1	61·2	—3·7	76·6	+0·6	84·9	—1·6	92·2	—0·7
Calcutta	Maximum in shade	1866	78·2	+1·0	79·2	—3·4	94·3	+4·2	94·0	—0·1	96·1	+1·5
		1877	76·1	—1·1	76·3	—6·3	88·2	—1·9	91·8	—2·3	94·7	+0·1
	Minimum in shade	1866	61·4	+1·2	62·9	+2·5	76·1	+3·3	76·7	—1·0	79·6	+0·5
		1877	60·7	+0·5	60·8	—4·6	72·7	—0·1	76·6	—1·1	79·5	+0·4
	Mean	1866	69·0	+1·3	70·3	—2·5	83·9	+3·4	84·1	—0·5	87·0	+0·9
		1877	67·7	0	68·0	—4·8	79·5	—1·0	82·6	—2·0	85·2	—0·9

It has been shown in the preceding discussion that excessive accumulation of snow in the Himalayas, and its subsequent melting, must be accompanied with a very considerable cooling influence on the temperature of Northern India, and that this influence would probably be a maximum in February and in April or May. A comparison with the year 1866, the only similar year since the commencement of systematic meteorological observations in Northern India, shows that the excessive snow-accumulation of that year was accompanied by similar and almost identical variations of temperature. The conclusion appears to be very strong, that during the early months of the year, one very important factor in determining the peculiar features of the season is, the amount of snowfall and of snow-accumulation in the Himalayan regions during the winter.

Atmospheric Pressure.

All the barometric registers, excepting those of stations under the Meteorological Reporter for Madras, and those in Ceylon under the Surveyor General of that Island, have been corrected to the Calcutta standard, which reads ·011 inch higher than that of Kew. Those of the Madras stations are corrected to the standard of the Madras Observatory, which has not yet been compared with the Calcutta standard.

In general, the barometers are kept in some masonry building, and as far as possible in some interior room, so that the changes of temperature of the mercury may be confined within as small a range as possible. The only observatories at which the barometer is exposed in the shed are Simla, Dehra, Meerut, Jhansi, Ranikhet, Ajmere, and Buldana.

Table V in Appendix A gives the mean and extreme readings, the average diurnal and absolute monthly and annual range at each station (106 in all). The means are generally derived from those of the two readings at 10h. and 16h.; in Madras from those of 10h., 16h. and 22h.; and at a few stations (Saugor Island, Allahabad, Lahore, and Bombay), from those of the four six-hourly readings. In the case of the Madras stations the crude means of the observations have been corrected to an approximately true mean by means of corrections derived from the hourly observations recorded for many years in Madras. In the case of the stations in Bengal, the North-Western Provinces, and Kurrachee, Deesa, Poona and Belgaum, the crude means of the 10h. and 16h. observations have been similarly corrected by factors deduced from the six-hourly observations of past years at the same or neighbouring stations; at other stations the crude means are provisionally adopted.

In Table VI (Appendix A) are given the sea-level equivalents of the mean observed pressures for each month, with the omission of hill stations. In computing these reductions, it has been assumed that on the plains and low plateaus of the interior of India the average decrement of temperature with elevation is 1° in 450 feet, which is that given by a comparison of the mean annual temperature of Hazaribagh at 2,000 feet with that of Berhampore in the drier part of the Gangetic delta.

Table VII below shows the average monthly and annual mean pressures of 72 stations as derived from the registers of former years, corrected to the Calcutta standard, except in the case of Madras. The smallest period for which an average is admitted is three years. The averages of three years are not, of course, equal in value with those derived from a greater number of years.

Table VIII gives the differences of the mean pressures of 1877, and the averages in Table IX, the plus sign indicating a pressure above the average, and a minus sign below the average.

TABLE VII.—*Average monthly mean pressures of 72 stations in India, Ceylon, &c.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh	3	19·587	19·574	19·653	19·641	P	P	P	19·635	19·709	19·727	19·719	19·695	P
Lahore ...	4—5	29·294	29·252	29·127	29·035	28·903	28·744	28·736	28·824	28·942	29·137	29·301	29·334	29 052
Ludhiana ...	3	·204	·169	·044	28·923	·823	·683	·659	·746	·878	·067	·179	·235	28·968
Delhi	3	·278	·240	·122	29·007	·901	·763	·743	·836	·953	·154	·261	·318	29·048
Dera Ismail Khan...	3	·470	·433	·316	·192	29·058	·901	·861	·955	29·114	·323	·454	·507	29·216
Mooltan ...	3	·641	·603	·465	·339	·211	29·071	29 034	29·127	·266	·481	·593	·661	29·374
Ajmir ...	3	28·362	28·336	28·236	28·148	28·051	27·967	27·933	28·021	28·085	28·286	28·380	28·408	28·184
Chakrata ...	3	23·304	23·279	23·298	23·292	23·252	23·195	23·165	23·216	23·271	23·332	23·353	23·328	23·274
Dehra ...	3	27·727	27·702	27·622	27·542	27·473	27·351	27·334	27·412	27·517	27·673	27·742	27·773	27·572
Roorkee ...	10—11	29·115	29·056	28·968	28·860	28·745	28·621	28·630	28·696	28·800	28·970	29·101	29·150	28·893
Ranikhet ...	3—4	24·103	24·074	24·067	24·078	24·015	23·949	23·933	23·966	24·044	24·121	24·183	24·158	24·058
Meerut ...	4—5	29·281	29·230	29·110	29·011	28·885	28·773	28·761	28·843	28·943	29·131	29·260	29·306	29·045
Bareilly ...	3	·427	·383	·266	·157	29·069	·938	·922	29·001	29·110	·303	·395	·474	29·204
Agra ...	3	·457	·422	·300	·179	P	P	P	·034	·134	·351	·436	·497	P
Lucknow ...	5—6	·661	·612	·491	·368	29·271	29·146	29·144	·228	·324	·513	·646	·694	29·425
Gorakhpur ...	3	P	P	P	P	·385	·259	·243	·322	·432	·632	·731	·799	P
Jhansi ...	3	·119	·099	28·962	28·850	28·779	28·667	28·656	P	P	·030	·126	·176	P
Allahabad ...	3	·714	·681	29·541	29·429	29·333	29·200	29·192	29·279	·384	·586	·685	·757	29·482
Benares ...	9—10	·777	·708	·609	·485	·377	·260	·261	·331	·425	·599	·737	·797	29·531
Sibsagar ...	4	·733	·666	·577	·509	·425	·315	·279	·328	·436	·577	·686	·743	29·523
Goalpara ...	9	·623	·555	·465	·393	·314	·217	·193	·252	·348	·472	·595	·642	29·422
Darjeeling ...	9—11	23·394	23·372	23·368	23·368	23·339	23·281	23·271	23·316	23·378	23·442	23·475	23·450	23 371
Purneah ...	3	P	P	29·724	P	P	29·462	29·434	P	29·609	29·767	P	P	P
Patna ...	9—10	29·861	29·802	·681	29·569	29·470	·351	·354	29·425	·518	·687	29·827	29·887	29·619
Gya ...	5—7	·661	·601	·479	·378	·266	·160	·173	·230	·326	·499	·629	·685	29·424
Hazaribagh ...	10—11	27·971	27·929	27·859	27·772	27·683	27·572	27·560	27·621	27·705	27·863	27·973	28·001	27·792
Berhampore ...	10	29·952	29·889	29·787	29·680	29·589	29·475	29·480	29·549	29·644	29·789	29·919	29·973	29·727
Burdwan ...	4—5	·935	·884	·746	·661	·569	·478	·453	·515	·621	·774	·904	·953	29·708
Jessore ...	10—11	·997	·938	·841	·746	·666	·550	·539	·597	·691	·834	·962	30·015	29·781
Dacca ...	9—11	·984	·933	·839	·756	·677	·566	·555	·604	·696	·825	·949	·003	29·782
Silchar ...	7—9	·943	·902	·825	·751	·665	·560	·546	·595	·686	·802	·926	29·970	29·764
Chittagong ...	11	·926	·879	·808	·737	·655	·554	·546	·585	·666	·775	·886	·937	29·746
Calcutta ...	24	30·014	·945	·854	·752	·656	·545	·536	·598	·682	·832	·970	30·027	29·784

TABLE VII.—*Average monthly mean pressures of 72 stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Saugor Island ...	10—11	30·019	29·956	29·875	29·778	29·685	29·565	29·548	29·602	29·695	29·839	29·979	30·041	29·799
Cuttack ...	10—11	29·960	·895	·804	·701	·614	·526	·518	·571	·654	·799	·938	29·988	29·747
False Point ...	11	30·033	·979	·898	·800	·707	·595	·583	·639	·716	·852	·997	30·051	29·821
Sambalpur ...	3	?	?	?	?	?	?	·138	·199	·295	·442	·541	29·589	?
Raipur ...	3	?	?	?	?	?	?	?	?	28·760	28·927	·036	·047	?
Nagpur ...	9	28·949	28·906	28·816	28·718	28·632	28·549	28·552	28 615	·667	·818	28·949	28·982	28·763
Seoni ...	7	27·949	27·915	27·847	27·779	27·688	27·582	27·561	27·619	27·690	27·841	27·950	27·975	27·783
Jubbulpore ...	9	28·637	28·614	28·522	28·424	28·328	28·216	28·208	28·284	28·351	28·518	28·644	28·671	28·451
Pachmarhi ...	3	26·536	26·528	26·482	26·404	26·340	26·249	26·216	26·275	26·345	26·487	26·558	26·569	26·416
Hoshangabad ...	3	29·005	28·959	28·870	28·757	28·688	28·592	?	28·671	28·716	22·873	28·970	29·008	?
Khandwa ...	3	28·925	·888	·815	·718	·641	·560	28·552	·630	·707	·855	·942	28·955	28·766
Akola ...	3	29·045	29·019	·936	·842	·773	·687	·698	·757	·819	·956	29·056	29·084	28·889
Amraoti ...	3	?	?	?	·534	·454	·441	·462	·511	·580	·716	28·821	28·853	?
Kurrachee ...	3	30·002	·975	29·866	29·778	29·657	29·527	29·483	29·596	29·706	29·882	29·963	30·030	29·789
Deesa ...	3	29·525	·492	·410	·325	·250	·154	·124	·213	·298	·455	·528	29·546	29·360
Bombay ...	27	·949	·919	·873	·808	·767	·668	·664	·727	·784	·844	·914	·944	29·822
Poona ...	3	27·950	27·914	27·881	27·813	27·788	27·709	27·719	27·770	27·813	27·900	27·953	27·938	27·850
Belgaum ...	3	·430	·418	·383	·326	·312	·267	·275	·306	?	·387	·426	·445	?
Vizagapatam ...	8	29·976	29·939	29·868	29·788	29·683	29·603	29·589	29·637	29·703	29·814	29·948	30·009	29·796
Bellary ...	3	28·496	28·462	28·403	28·326	28·307	28·299	28·312	28·325	38·359	28·418	28·486	28·511	28·392
Bangalore ...	3	27·000	26·987	26·954	26·894	26·873	26·858	26·868	26·886	26·907	26·946	26·992	27·013	26·932
Madras ...	10	29·954	29·928	29·900	29·848	29·774	29·746	29·777	29·790	29·810	29 854	29·928	29·967	29·856
Salem ...	3	·041	·023	28·973	28·899	28·881	28·876	28·887	28·904	28·928	28·972	·025	·056	28·955
Coimbatore ...	3	28·591	28·577	·536	·473	·456	·459	·470	·485	·504	·536	28·581	28·605	·523
Trichinopoly ...	3	?	29·671	29·611	29·531	29·497	29·489	29·499	29·518	29·549	29·599	29·661	29·689	?
Negapatam ...	3	29·974	·961	·904	·818	·774	·757	·762	·793	·823	·874	·935	·965	29·862
Madura ...	3	·498	·476	·437	·357	·328	·329	·323	·354	·376	·420	·479	·504	29·407
Cochin ...	3	·944	·940	·921	·844	·865	·879	?	?	?	·914	·920	·925	?
Colombo ...	8—9	·871	·875	·860	·814	·807	·816	·832	·838	·856	·857	·863	·873	29·847
Jaffna ...	7	·956	·934	·898	·827	·780	·763	·781	·795	·817	·846	·903	·940	29·853
Trincomalee ...	7—9	·766	·761	·731	·660	·610	·592	·602	·613	·638	·671	·737	·767	29·679
Batticaloa ...	5—8	·944	·939	·908	·835	·794	·781	·798	·810	·815	·829	·888	·923	29·855
Hambantota ...	6—7	·844	·847	·838	·802	·774	·783	·776	·785	·800	·811	·842	·848	29·813

TABLE VII.—*Average monthly mean pressures of 72 stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Galle ...	7—9	29·852	29·854	29·841	29·797	29·796	29·798	29·813	29·821	29·840	29·841	29·844	29·853	29·829
Kandy ...	7—8	28·249	28 247	28·230	28·190	28·178	28·187	28·200	28·197	28·214	28·218	28·230	28·244	28 215
Newera Eliya ...	7—8	24·085	24·091	24·098	24·067	24·064	24·048	24·043	24·044	24·060	24·067	24·090	24·090	24·071
Akyab ...	10—11	29·994	29·944	29·892	29·831	29·757	29·681	29·675	29·703	29·770	29·852	29·951	30·001	29·838
Port Blair ...	8—10	·875	·879	·849	·794	·747	·727	·732	·742	·774	·800	·845	29·864	29·802
Nancowry ...	3—5	·846	·846	·822	·795	·749	·734	·746	·767	·798	·804	·821	·841	29·797

TABLE VIII.—*Comparison of monthly mean pressures in 1877 with averages of Table VII.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh	+·068	+·005	—·007	+·023	P	P	P	0	+·019	+·025	+·024	—·065	P
Lahore	+·063	+·023	+·034	+·063	+·049	+·061	+·016	—·031	+·013	+·039	—·041	—·034	+·021
Ludhiana	+·068	+·023	+·037	+·088	+·050	+·063	+·036	—·007	+ 021	+·034	—·004	—·024	+·032
Delhi	+·086	+·048	+·041	+·080	+·037	+·046	+·020	—·021	+·017	+·019	—·005	—·019	+·029
Dera Ismail Khan ...	+·088	+·042	+·026	+·098	+·062	+·045	+·036	—·012	+·003	+·017	—·006	—·031	+·031
Mooltan	+·059	+·025	+·041	+·107	+·057	+·054	+·029	—·009	+·007	+·023	+·024	—·001	+·035
Ajmere	+·082	+·048	+·041	+·063	+·060	+·036	+·059	+·040	+·060	+·019	+·003	—·020	+·041
Chakrata	+·001	—·067	—·052	—·032	—·031	—·024	—·048	—·053	—·011	+·002	—·006	—·042	—·030
Dehra	+·079	+·032	+·038	+·081	+·029	+·047	+·017	—·013	+·002	+·019	+·004	—·019	+·026
Roorkee	+·071	+·062	+·032	+·077	+·042	+·046	—·008	—·022	+·007	+·044	—·017	—·026	+·026
Ranikhet	+·064	+·006	+·029	+·012	+·020	+·024	—·007	—·003	+·014	+·032	+·003	—·005	+·016
Meerut	+·063	+·048	+·036	+·070	+·051	+·034	+·015	—·026	+·014	+·038	—·020	—·022	+·025
Bareilly	+·092	+·061	+·052	+·087	+·031	+·051	+·027	— 005	+·016	+·037	+·011	—·014	+·037
Agra	+·079	+·045	+·030	+·068	P	P	P	—·024	+·017	+·017	—·003	—·015	P
Lucknow	+·079	+·063	+·037	+·084	+·038	+·044	+·028	—·026	+·010	+·040	—·021	—·009	+·031
Gorakhpur	P	P	P	P	+·022	+·039	+·035	—·010	+·006	+·027	—·004	—·021	P
Jhansi	+·095	+·076	+·066	+·097	+·061	+·043	+·047	P	P	+·020	+·009	— 014	P
Allahabad	+·081	+·056	+·042	+·077	+·037	+·036	+·044	—·022	+·016	+·016	—·007	—·024	+·029
Benares	+·051	+·067	+·015	+·040	+·014	+·004	—·001	—·053	—·007	+·023	—·043	—·036	+·006
Sibsagar	+·080	+·061	+·037	+·071	+·032	+·017	+·006	—·023	+·041	+·056	+·012	—·013	+·031
Goalpara	+·103	+·090	+·052	+·081	+·051	+·029	+·007	—·030	+·040	+·081	+·015	+·003	+·044
Darjeeling	+·109	+·035	+·036	+·034	+·022	+·044	+·020	+016	+·036	+·064	+·026	+·009	+·038
Purneah	P	P	+·039	P	P	+·028	+·025	P	+·017	+·042	P	P	P
Patna	+·083	+·080	+·037	+·071	+·041	+·030	+·017	—·022	+·023	+·059	—·014	—·009	+·033

TABLE VIII.—*Comparison of monthly mean pressures in 1877 with averages of Table VII.*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Gya	+·074	+·068	+·062	+·078	+·077	+·030	+·016	—·019	+·023	+·049	—·011	—·012	+·036
Hazaribagh	+·071	+·056	+·031	+·068	+·054	+·038	+·046	—·017	+·050	+·061	+·003	—·012	+·037
Berhampore	+·033	+·061	+·054	+·095	+·058	+·057	+·036	—·018	+·045	+·078	+·004	+·001	+·042
Burdwan	+·073	+·069	+·046	+·075	+·052	+·015	+·026	—·023	+·039	+·058	—·009	—·013	+·034
Jessore	+·074	+·082	+·033	+·072	+·042	+·033	+·023	—·035	+·057	+·067	—·001	—·014	+·036
Dacca	+·087	+·081	+·046	+·071	+·039	+·031	+·008	—·035	+·057	+·072	+·003	—·010	+·038
Silchar	+·090	+·061	+·027	+·057	+·037	+·021	+·010	—·034	+·061	+·077	—·005	—·024	+·032
Chittagong	+·088	+·076	+·053	+·068	+·041	+·025	+·020	—·037	+·075	+·077	+·014	—·002	+·042
Calcutta	+·082	+·087	+·046	+·078	+·060	+·038	+·042	—·027	+·071	+·080	+·004	—·006	+·046
Saugor Island ...	+·075	+·074	+·038	+·065	+·042	+·029	+·043	—·024	+·066	+·077	0	—·019	+·039
Cuttack	+·065	+·066	+·041	+·076	+·048	+·003	+·028	—·040	+ 041	+·048	—·017	—·034	+·027
False Point	+·068	+·062	+·033	+·063	+·043	+·027	+·042	—·024	+·065	+·065	+·016	—·018	+·037
Sambalpur	?	?	?	?	?	?	+·003	—·062	—·006	+·004	—·018	—·045	?
Raipur	?	?	?	?	?	?	?	?	+·009	+·012	—·013	—·020	?
Nagpur	+·071	+·052	+·047	+·084	+·060	+·056	+·088	+·033	+·085	+·071	+·023	—·010	+·055
Seoni	+·056	+·039	+·024	+·047	+·038	+·042	+·073	+·018	+·078	+·056	+·024	—·004	+·041
Jubbulpore	+·071	+·041	+·022	+·058	+·065	+·057	+·080	+·023	+·078	+·057	+·009	—·006	+·046
Pachmarhi	+·039	+·003	—·001	+·026	+·025	+·023	+·063	+·009	+·056	+·014	+·003	—·022	+·020
Hoshangabad	+·057	+·033	+·021	+·048	+·025	+·017	?	—·015	+·044	+·017	+·010	—·021	?
Khandwa	+·063	+·041	+·025	+·046	+·045	+·049	+·082	+·024	+·027	—·006	—·018	—·036	+·029
Akola	+·059	+·027	+·025	+·052	+·033	+·039	+·068	+·028	+·054	+·044	+·021	—·007	+·037
Amraoti	?	?	?	+·068	+·058	—·007	+·006	—·034	—·004	—·015	—·045	—·076	?
Kurrachee	+·057	+·025	+·020	+·036	+·045	+·049	+·077	+·028	+·029	+·011	+·008	—·014	+·031
Deesa	+·032	+·024	+·018	+·059	+·068	+·066	+·098	+·050	+·063	+·037	+·034	+·019	+·047
Bombay	+·038	+·029	+·026	+·030	+·036	+·057	+·097	+·050	+·035	+·032	+·018	—·017	+·036
Poona	+·023	—·006	+·011	+·023	+·015	+·025	+·058	+·013	—·018	—·014	+·006	—·025	+·009
Belgaum	+·036	+·015	+·013	+·036	+·011	+·024	+·056	+·025	?	+·022	+·016	—·012	?
Vizagapatam	+·084	+·050	+·049	+·072	+·049	+·029	+·053	0	+·068	+·087	+·021	—·019	+·045
Bellary	+·045	+·015	+·018	+·041	+·014	+·022	+·042	+·026	+·027	+·035	+·021	—·014	+·024
Bangalore	+·037	+·015	+·017	+·036	+·013	+·027	+·042	+·023	+·014	+·029	+·017	—·007	+·022
Madras	+·035	+·056	+·043	+·040	+·006	+·014	0	—·004	+·032	+·063	+·045	+·015	+·033
Salem	+·046	+·015	+·026	+·047	+·014	+·031	+·033	+·024	+·023	+·035	+·012	—·013	+·024
Coimbatore	+·046	+·016	+·024	+·041	+·017	+·033	+·043	+·039	+·028	+·039	+·023	—·003	+·029
Trichinopoly	+·051	+·035	+·050	+·072	+ 041	+·053	+·055	+·044	+·045	+·057	+·029	+·006	?
Negapatam	+·067	+·021	+·031	+·060	+·027	+·036	+·042	+·031	+·027	+·031	—·002	—·030	+·027

TABLE VIII.—*Comparison of monthly mean pressures in 1877 with averages of Table VII.*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Madura	?	+·027	+·043	+·071	+·045	+·052	+·044	+·029	+·039	+·051	+·018	—·012	+·039
Cochin	+·041	+·030	+·029	—·007	+·003	+·030	?	?	?	+·041	+·006	—·019	?
Colombo	+·056	+·044	+·026	+·026	+·013	+·066	+·049	+·056	+·034	+·055	+·036	—·009	+·038
Jaffna	+·051	+·036	+·033	+·048	+·022	+·052	+·047	+·038	+·042	+·069	+·032	—·012	+·038
Trincomalee	+·063	+·036	+·041	+·061	+·057	+·076	+·075	+·079	+·085	+·117	+·048	—·005	+·061
Batticaloa	+·046	+·038	+·026	+·043	+·025	+·052	+·035	+·034	?	?	?	?	?
Hambantota	+·025	+·030	+·004	+·057	+·023	+·072	+·045	+·069	+·051	+·061	+·018	—·012	+·037
Galle	+·057	+·045	+·022	+·027	+·011	+·062	+·044	+·054	+·034	+·052	+·030	—·015	+·035
Kandy	+·050	+·032	+·015	+·028	+·012	+·043	+·036	+·046	+·029	+·049	+·020	—·014	+·029
Newara Eliya... ...	+·011	—·023	—·050	—·033	—·051	—·020	—·019	—·011	—·030	—·021	—·027	—·018	—·024
Akyab	+·070	+·057	+·048	+·054	+·040	+·007	—·002	—·031	+·076	+·079	+·035	+·012	+·037
Port Blair	+·088	+·051	+·046	+·060	+·035	+·046	+·050	+·038	+·074	+·080	+·045	+·025	+·053
Nancowry	+·068	+·053	+·041	+·026	+·037	+·072	+·066	+·052	+·043	+·069	+·037	+·007	+·048

The mean pressure at all stations for the month of January was in excess. It was greatest in amount along the base of the Himalayas from Bareilly to Goalpara and over Eastern Bengal. The excess was absolutely greatest at Darjeeling, where it was ·11″. At Goalpara it was ·10″; at Dacca, Silchar, and Chittagong it averaged ·09″. The excess of pressure averaged ·08″ in Central Rajputana, the North-Western Provinces, Behar, Assam, and the Coromandel Coast; ·07″ in the Punjab, Central Provinces, Chutia Nagpur, Orissa, and in Southern India; ·06″ in Sind, the Berars, and Ceylon. The excess was least in Western India and the Deccan, varying between from ·02″ to ·04″, and was least at Poona, where it was only ·02″. The isobar of 30·15″ ran to the south of the Punjab and Central Rajputana. The differences of pressure over the Gangetic valley and Northern India (including the Punjab) were unusually small. The following examples will suffice to illustrate this: Hazaribagh, 30·139″; Hoshangabad, 30·138″; Roorkee, 30·138″; Delhi, 30·136″; Patna, 30·135″; Lucknow, 30·132″; Agra, 30·132″; Goalpara, 30·133″; and Jubbulpore, 30·133″. The mean pressure at the entrance of the Bay (across from Ceylon to the Nicobars) was 30·00″ for the month.

The pressure during the next month was again in excess. The increase was least in the Deccan, Southern and Western India, Sind and Punjab, over which it ranged from ·01″ to ·03″. It was least in the Deccan. The excess varied from ·05″ to ·09″ over the rest of India, and was greatest over nearly the same area as before, including Northern Behar and Bengal, Western Assam and Eastern Bengal, and attained its maximum at Goalpara, where it was ·09″. The decrease of pressure during the month was ·05″; the mean pressure in the west of the Punjab and Rajputana and Sind being 30·10″, and in the south of Ceylon and near the entrance to the Bay 29·95″. It was unusually low at Poona. The pressure over Northern India presented the same feature of general uniformity as in the preceding month. Thus the average pressure for the

month at False Point was 30·058″, at Allahabad 30·063″, at Lucknow 30·066″, at Delhi 30·058″, at Lahore 30·062″, and at Hoshangabad 30·062″. The pressure over the Peninsula proper was also generally very uniform. Thus the pressure at Bombay was 29·986″, at Belgaum 29·989″, at Trichinopoly 29·985″, at Cochin 29·981″, and at Masulipatam 29·992″.

The mean pressure for March was in excess at all stations. It was greatest at Jhansi, where it amounted to ·07″, and at Jubbulpore and Deesa, where it was ·06″. The pressure in the Berars and Central Provinces averaged ·05″ in excess. This appears to be the commencement of the formation of a ridge of high pressure across Central India, which seems to have exercised a powerful influence in modifying the strength and course of the south-west monsoon current of the year. To the north of this, or over the whole of Northern India, the pressure generally ranged from ·03″ to ·05″ in excess. Along the Coromandel Coast it varied from ·01″ to ·05″. In Sind, Guzerat, Western India, and the Deccan the excess ranged from ·01″ at Poona to ·03″ at Bombay. The variations of pressure during the month were confined within much narrower limits than usual. The distribution of pressure was simple. The Bay of Bengal was a region of high pressure, the isobar of 29·95″ enclosing nearly the whole of it. The pressure was remarkably uniform over the whole of India. The following are a few examples selected to show the narrow range of difference:—

Calcutta	29·919″	Bareilly	29·910″
Deesa	·909″	Dacca	·926″
Coimbatore	·925″	Colombo	·926″
Jubbulpore	·926″	Cuttack	·926″
Roorkee	·926″	Bangalore	·925″

The excess of pressure continued during the month of April. It was generally greatest over Northern India, and reached its maximum at Mooltan, where it was ·11″, and at Jhansi and Dera Ismail Khan, where it was ·1″. It varied from ·05″ to ·09″, increasing westward from Bengal to the Punjab. The excess for the month was again least in Western India and the Deccan, where it ranged from ·03″ to ·04″. Along the Coromandel Coast it averaged ·06″, and in Ceylon and in the east and south-east of the Bay it varied from ·03″ to ·06″. Consequently, Western India and the Deccan continued to be an area of relatively abnormally low pressure. To the north of it, the south-western districts of the Punjab, Central Rajputana, and Bandelkhand was an area of excessively high pressure, which separated it from a region of slightly lower pressure in Northern India. The Bay of Bengal, Assam, and Arakan continued to be the region of highest pressure during the month, and was inclosed by the isobar of 29·90″; and, as usual during this month, the pressure diminished rapidly over the narrow strip along the coast, influenced by the sea and land breezes. The isobar of 29·85″ thus ran nearly parallel to the sea-coast. The pressure over the greater part of India was again remarkably uniform. The following means indicate this fact clearly.

Lahore	29·849	Roorkee	29·842
Hazaribagh	·851	Saugor Island	·849
Purneah	·842	Sholapur	·848
Ajmere	·853	Jubbulpore	·851
Bangalore	·853	Cochin	·848

The lowest mean pressure for the month (reduced to sea-level) is that of Benares,

The relative distribution of pressure was very similar in May to what it was in April. The pressure was excessive over the whole of India. The excess was greatest at Deesa, where it amounted to ·07″, and at Dera Ismail Khan, Ajmere, Jhansi, Jubbulpore, Nagpur, and Calcutta, where it was ·06″. The pressure over Western India varied from ·03″ to ·05″ in excess, whilst in the Deccan and Southern Madras it ranged from ·01″ to ·03″, and was least at Madras. The excess in Ceylon and the extreme south of India varied from ·01″ to ·06″. The ridge of high pressure in Central India, the culminating point of which was during the month at Deesa, was thus more strongly developed than in the preceding month. The mean pressure for the month at the entrance to the Bay was 29·85″, whilst in the North-Western Provinces and the Punjab, where it was lowest, the minimum mean pressures were observed at Benares and Jacobabad. The mean pressure for the month at these two stations was 29·65″. The mean barometric range over India for the month was, therefore, two-tenths of an inch.

The month of June was, as has already been stated in the discussion of the temperature of India during 1877, a transitional month. Hitherto the chief features were the formation and development of a ridge of high pressure across the head of the peninsula proper, and excessive pressure over the whole of India, more especially in Northern India, as compared with the Deccan. It will be seen that, whilst the ridge of high pressure formed a persistent feature of the meteorology of the rains, the pressure in Northern India was during a greater part of the rains relatively low to that of the Deccan. In other words, the relation was reversed between these two areas. The excess of pressure at Kurrachee for June was ·05″, at Deesa ·07″, Nagpur ·06″, and Bombay ·06″. It varied from ·03″ in Bengal and along the Coromandel Coast to ·05″ in the Punjab. The pressure in the Deccan and Southern India was from ·02″ to 03″ above the average. It was very high in Ceylon, the excess there averaging ·07″ at the low-lying coast stations. The mean pressure for the month at the entrance to the Bay was 29·90″. The North-Western Provinces and the Punjab were enclosed by the isobar of 29·55″. The lowest pressure occurred in the Punjab. The mean barometric range over India was now four-tenths of an inch. The distribution of pressure bears a general resemblance to that of June 1876, but differs very considerably from that of June 1875.

The ridge of high pressure was very marked in July. The excess of pressure at Kurrachee was ·08″, at Deesa 0·1″, at Bombay 0·1″, at Nagpur ·09″, at Jubbulpore and Khandwa ·08″, and at Ajmere ·06″. Hence the barrier of excessively and abnormally high pressure which had been gradually forming since the month of March was now very strongly marked. The pressure over Northern India, from Bengal and Orissa to the Punjab, varied from ·01″ to ·04″ in excess, whilst in the Deccan and Southern India the excess ranged from ·03″ to ·06″. The persistence and further development of the ridge of pressure after the setting in of the monsoon, and the relative increase of pressure over the area of rainfall in Central India and its diminution over Upper India during the monsoon, are important points for future consideration. The mean pressure of the month at the entrance to the Bay was 29·90″, and in the west of the Punjab 29·45″, giving a range of ·45″ over India.

The pressure for the month of August was in defect in Northern India, and in excess over Central, Western, and Southern India. The excess was greatest at Deesa (·05″), and at Bombay (·05″). At Ajmere the excess was ·04″, in the Central Provinces ·03″, and

Kurrachee ·03″. In the Deccan it averaged ·02″; in Southern India and Ceylon ·04″. The defect in the Punjab, North-Western Provinces, and Behar averaged ·02″, and in Bengal, Assam, Arakan, and Orissa it varied from ·02″ to ·06″. The contrast between the distribution of pressure in Northern and Southern India was consequently very strongly marked throughout the month. The mean pressure for the month at the entrance to the Bay was 29·90″, and in the Upper Punjab was 29·50″, giving a range of four-tenths of an inch for the whole of India.

The mean pressure for the month of September was generally in excess at all stations. The amount of the excess was ·08″ at Jubbulpore, Nagpur, and Akyab, ·07″ at Vizagapatam, Chittagong, and Port Blair, and ·06″ at Deesa and Ajmere. The ridge of high pressure thus formed a belt stretching across from West Rajputana to the coast of Arakan. In Northern India the excess varied from ·01″ to ·05″, and was least at the western stations of the North-Western Provinces. Along the west coast of India, in the Deccan, Southern India, and Ceylon, it ranged from ·02″ to ·04″, and was least in the Deccan.

The mean pressure in October, as is usually the case, was very approximately uniform for the whole of India, ranging between 29·90″ and 29·95″. It was slightly in excess in Assam, Central Rajputana, and the western districts of the Deccan. There was an area of low pressure in Western India, including Surat, Poona, and Malegaon. The pressure was in excess at all stations except the three last-mentioned stations. The excess was greatest at Vizagapatam, Calcutta, Chittagong, Akyab, and Port Blair, where it averaged ·08″. There was consequently an area of abnormally high pressure at the head of the Bay. The ridge of high pressure across the Peninsula proper was thus transferred at the end of the rains to the north of the Bay.

The variations from the mean distribution of pressure in the month of November were generally small in amount. Pressure was from ·01″ to ·02″ below the average in the Punjab, North-Western Provinces, and Central Orissa. It was in excess by amounts varying from ·01″ to ·04″ in Sind, Rajputana, Central India, the Central Provinces, the Deccan, and Southern India. The excess was greatest at Madras, Port Blair, and Nancowry, where it was upwards of ·04″.

The pressure in December was generally in defect over India. It was from ·01″ to ·02″ in excess at the Andamans, Nicobars, and Akyab, and therefore probably over the east and south-east portions of the Bay. It was also very slightly in excess at Goalpara, Deesa, and Madras. With these local exceptions, probably extending over small areas, the pressure ranged from ·01″ to ·03″ in defect, the deficiency being greatest in the Punjab and the western districts of the North-Western Provinces.

The preceding brief statement of the more important features of the atmospheric pressure over India has indicated the persistence on the large scale of several marked irregularities or abnormal deviations from the mean distribution of pressure. The first is the continuance during the year of abnormally high pressure. There were only two months, August and December, when the pressure was below the average over the whole of India. This excessive pressure was very marked in the cold weather months, more especially in January and April, when it nearly amounted to one-tenth of an inch in Upper India. It would be interesting to ascertain over what area this feature of persistent abnormally high

pressure extended. The only returns for stations beyond the Indian area for the year 1877 which have been received by the Indian Meteorological Office are those of Hong-Kong, Sydney, and Melbourne. They are for stations too wide apart and too few in number to admit of generalization. As they are however interesting, I give them.

Variation of pressure from average.

	Hong-Kong.	Sydney.	Melbourne.
January 1877	— ·012	— ·051	+ ·007
February „	— ·045	+ ·052	+ ·027
March „	— ·028	+ ·061	+ ·063
April „	— ·020	+ ·024	+ ·058
May „	— ·054	— ·209	— ·161
June „	— ·030	+ ·196	+ ·215
July „	— ·041	Not received	+ ·172
August „	— ·075	Ditto	+ ·092
September „	+ ·043	Ditto	+ ·116
October „	+ ·014	Ditto	+ ·127
November „	— ·069	Ditto	— ·002
December „	— ·101	Ditto	+ ·012
Year	— ·035	?	+ ·061

So far as the Australian returns go, they indicate, on the whole, a marked tendency to excessive pressure. There is therefore a slight probability that this was a feature of the whole area from India southwards to Australia, including the sea area of the Indian Ocean. The Hong-Kong returns, on the other hand, show that the pressure in that part of China was as markedly and persistently in defect as it was in excess in India. It is perhaps an example of the general compensatory character of the elements of atmospheric variation when the area of observation is sufficiently extended. Mr. F. Chambers, Meteorological Reporter to the Government of Bombay, in a letter which appeared in *Nature* (September 26th, 1878), shows that the mean barometric pressure of the summer months, April to September, and also of the whole year, has at Bombay a periodic oscillation approximately coinciding with the sunspot period, and argues from this that the solar radiation is a minimum at such periods. From the marvellous homogeneity of barometric changes over the whole of India, it is almost certain that if such a periodicity exists for one station, it exists for all. Mr. Chambers' figures, however, show that the high pressure of 1877 is unique. The mean pressure at that station for 1877 is 29·845″. Omitting that year, the highest annual mean pressure since 1848 is that of 1868, when it was 29·830″; so that even Mr. Chambers' figures show that the high pressure of the year 1877 is peculiarly abnormal, and is hence probably due to other causes besides the periodic variation in the solar radiation.

The cold weather 1877-78 was, like its predecessor, distinguished by excessive snowfall in the Himalayan region. A short paper by R. Lyddeker, Esq., of the Indian Geological Survey, published in the Asiatic Society's Journal, describes his experience of the excessive snow-accumulation of the cold-weather months of 1877-78. Extracts from his paper will be found in another portion of this report. And accompanying this excessive snow-accumulation there have been variations in the elements of meteorological observations in 1878, very similar in character to those of 1877. The pressure during the earlier months of the year was excessively and abnormally high; the temperature much below the average; the weather even in May in the

hills cold and inclement. And in Cashmere continued rainfall from March to the end of May destroyed the crops, and brought on a famine, which, so far as can be judged from the unofficial accounts that have appeared, has caused as high a percentage of death by starvation as the famine in Mysore in 1876-77, due to the opposite action of drought. What causes produce these occasional excessive snowfalls in the Himalaya can be as yet only a matter of speculation, as our knowledge of the upper currents of the Indian atmosphere is almost *nil*. The few accounts of the snowfall in these regions assign them exclusively to south winds. Thus Dr. Campbell, in the Asiatic Society's Journal, Vol. XXI, page 485, states: "All the rain and snow falling in Tungu (in the north of Sikkim) come with southerly wind; scarcely any of either ever fall with north wind, which always indicates steady and clear weather in this part of the world." All that can be inferred from the meteorology of the years 1866, 1877, and 1878 is, that excessive snowfall in the Himalaya in each of these years was accompanied by very great irregularities similar in character in the meteorology of India, and hence that these two facts may be related together as cause and effect. Whether the excessive pressure in these years was partly due to diminished temperature, diminished wind velocity, or to an actual increase of density, produced by an accumulation of air over India, can only be a matter for conjecture in the present stage of meteorology.*

Another important feature of the year was the development, before the setting in of the rains, of a ridge of pressure across Rajputana to Jhansi, and perhaps Chutia Nagpur. It is fairly represented by the stations of Deesa, Ajmere, Jhansi, and perhaps Cuttack. It undoubtedly separated the region where the summer rains almost entirely failed from the area where the rains prevailed in sufficient abundance to give the usual hot-weather crops. Peculiarities and irregularities of air motion and of pressure are so intimately connected together, that it would not be correct to say that this ridge of high pressure produced the failure of the rains in Upper India. It, however, undoubtedly accompanied and indicated an abnormal condition of air motion, which was one, if not the chief, cause of the very unequal and irregular distribution of the monsoon rains.

In the following tables are given barometric anomalies for each month of 1877 for the same pairs of stations as were selected by Mr. Blanford in the annual report for 1876. They are given chiefly for comparison. For, as explained in another portion of the report, I regard the barometric anomalies or abnormal variations as only one feature or expression (and that the least important) of persistent variations from the normal meteorological state or condition in India. A separate investigation of these persistent irregularities, indicated as they are by abnormal pressure variations, abnormal air motion, and abnormal or irregular distribution of rainfall, will throw great light on the current meteorology of India. I have therefore given the tables prepared in the same form as last year for future reference rather than for present investigation.

* Mr. Broun, in *Nature* for November 7th, 1878, states, as a conclusion derived from examination of certain Indian meteorological returns, that there is no connection between the variations of yearly mean temperature and yearly mean pressure. Temperature variations in India are undoubtedly much more local in character than pressure variations. For this and other reasons, I believe, that Mr. Broun in his conclusions expresses a partial truth which is too often ignored. Pressure variations and temperature variations go on side by side; but one is not solely and directly dependent upon or related to the other, because a variation in the temperature of a large area causes, and is accompanied by, variations in the air motion, in the amount of moisture in the air, and in the amount and distribution of the rainfall, &c.

TABLE IX.—*Relative barometric anomalies in each month of 1877.*

	Darjeeling to Goalpara.	Goalpara to Berhampore.	Silchar to Dacca.	Dacca to Berhampore.	Silchar to Chittagong.	Chittagong to Akyab.	Akyab to Port Blair.	Akyab to False Point.	Chittagong to Cuttack.
January ...	+·006	+·070	+·003	+·054	+·002	+·018	—·018	+·002	+·023
February ...	—·055	+·029	—·020	+·020	—·015	+·019	+·006	—·005	+·010
March ...	—·016	—·002	—·019	—·008	—·026	+·005	+·002	+·015	+·012
April ...	—·047	—·014	—·014	—·024	—·011	+·014	—·006	—·009	—·008
May ...	—·029	—·007	—·002	—·019	—·004	+·001	+·005	—·003	—·007
June ...	+·015	—·028	—·010	—·026	—·004	+·018	—·039	—·020	+·022
July ...	+·013	—·029	+·005	—·028	—·007	+·022	—·052	—·044	—·008
August ...	+·046	—·012	+·001	—·017	+·003	—·006	—·069	—·007	+·003
September ...	—·004	—·005	+·004	+·012	—·014	—·001	+·002	+·011	+·034
October ...	—·017	+·003	+·005	—·006	0	—·002	—·001	+·014	+·029
November ...	+·011	+·011	—·008	—·001	—·019	—·021	—·010	+·019	+·031
December ...	+·006	+·002	—·014	—·011	—·022	—·014	—·013	+·030	+·032
Year ...	—·006	+·002	—·006	—·005	—·010	+·004	—·016	0	+·014

	Berhampore to Chittagong.	Berhampore to Saugor Island.	Calcutta to Saugor Island.	Saugor Island to False Point.	False Point to Vizagapatam.	False Point to Port Blair.	Vizagapatam to Madras.	Madras to Galle.	Madras to Port Blair.
January ...	—·055	—·042	+·007	+·007	—·016	—·020	—·001	+·028	—·003
February ...	—·015	—·013	+·013	+·012	+·012	+·011	—·006	+·011	+·005
March ...	+·001	+·016	+·008	+·005	—·016	—·013	+·006	+·021	— 003
April ...	+·027	+·030	+·013	+·002	—·009	+·003	+·032	+·013	—·020
May ...	+·017	+·016	+·018	—·001	—·006	+·008	+·043	—·005	—·029
June ...	+·032	+·028	+·009	+·002	—·002	—·019	+·015	—·048	—·032
July ...	+·016	—·007	—·001	+·001	—·011	—·008	+·053	—·044	—·050
August ...	+·019	+·006	—·003	0	—·024	—·062	+·004	—·058	—·042
September ...	—·030	—·021	+·005	+·001	—·003	—·009	+·036	—·002	—·042
October ...	+·001	+·001	+·003	+·012	—·022	—·015	+·024	+·011	—·017
November ...	—·010	+·004	+·004	—·016	—·005	—·029	—·024	+·015	0
December ...	+·003	+·020	+·013	—·001	+·001	—·043	—·034	+·030	—·010
Year ...	+·001	+·003	+·007	+·002	—·008	—·016	+·012	—·002	—·020

TABLE IX.—*Relative barometric anomalies in each month of 1877*—continued.

	Saugor Island to Cuttack.	False Point to Cuttack.	Vizagapatam to Akyab.	Cuttack to Nagpur.	Nagpur to Jubbulpore.	Cuttack to Hazaribagh.	Patna to Hazaribagh.	Berhampore to Patna.	Patna to Lucknow.
January ...	+·010	+·003	+·014	—·006	0	—·006	+·012	—·050	+·004
February ...	+·008	—·004	—·007	+·014	+·011	+·010	+·024	—·019	+·017
March ...	—·003	—·008	+·001	—·006	+·025	+·010	+·006	+·017	0
April ...	—·011	—·013	+·018	—·008	+·026	+·008	+·003	+·024	—·013
May ...	—·006	—·005	+·009	—·012	—·005	—·006	—·013	+·017	+·003
June ...	+·026	+·024	+·022	—·053	—·001	—·035	—·008	+·027	—·014
July ...	+·015	+·014	+·055	—·060	+·008	—·018	—·029	+·019	—·011
August ...	+·016	+·016	+·031	—·073	+·010	—·023	—·005	+·004	+·004
September ...	+·025	+·024	—·008	—·044	+·007	—·009	—·027	+·022	+·013
October ...	+·029	+·017	+·008	—·023	+·014	—·013	—·002	+·019	+·019
November ...	+·017	+·033	—·014	—·040	+·014	—·020	—·017	+·018	+·007
December ...	+·015	+·016	—·031	—·024	—·004	—·022	+·003	+·010	0
Year ...	+·012	+·010	+·008	—·028	+·009	—·010	—·004	+·009	+·002

	Jubbulpore to Lucknow.	Lucknow to Roorkee.	Lahore to Roorkee.	Lahore to Lucknow.	Lahore to Benares.	Bombay to Roorkee.	Bombay to Cuttack.	Bombay to Madras.	Bombay to Calcutta.
January ...	—·008	+·008	—·008	—·016	+·012	—·033	—·027	—·047	—·044
February ...	—·022	+·001	—·039	—·040	—·044	—·033	—·037	—·027	—·058
March ...	—·015	+·005	+·002	—·003	+·019	—·006	—·015	—·017	—·020
April ...	—·026	+·007	—·014	—·021	+·023	—·047	—·046	—·010	—·048
May ...	+·027	—·004	+·007	+·011	+·035	—·006	—·012	+·030	—·024
June ...	+·013	—·002	+·015	+·017	+·057	+·011	+·054	+·043	+·019
July ...	+·052	+·036	+·024	—·012	+·017	+·105	+·069	+·097	+·055
August ...	+·049	—·004	—·009	—·005	+·022	+·072	+·090	+·054	+·077
September ...	+·068	+·003	+·006	+·003	+·020	+·028	—·006	+·003	—·036
October ...	+·017	—·004	—·005	—·001	+·016	—·012	—·016	—·031	—·048
November ...	+·030	—·004	—·024	—·020	+·002	+·035	+·035	—·027	+·014
December ...	+·003	+·017	—·008	—·025	+·002	+·009	+·017	—·032	—·011
Year ...	+·016	+·005	—·004	—·009	+·015	+·010	+·009	+·003	—·010

The following are the most remarkable local barometric depressions and elevations persistent throughout the year 1877.

The first is the Benares area of low pressure.

The following table gives the differences between the barometric variations for each month of Benares and of the neighbouring stations of Allahabad, Jubbulpore, Patna, and Gorakhpur:

Months.	Benares to			
	Allahabad.	Jubbulpore.	Patna.	Gorakhpur.
January	—·030	—·020	—·032	?
February	+·011	+·026	—·013	?
March	—·027	—·007	—·022	?
April	—·037	—·018	—·031	?
May	—·023	—·051	—·027	—·008
June	—·032	—·053	—·028	—·035
July	—·045	—·081	—·018	—·036
August	—·031	—·076	—·031	—·043
September	—·023	—·085	—·030	—·013
October	+·007	—·034	—·036	—·004
November	—·036	—·052	—·029	—·039
December	—·012	—·030	—·027	—·015
Year	—·023	—·040	—·027	?

These figures show that, amidst all the variations of the year, the pressure at Benares, relative to that of all the neighbouring stations, was in defect during the whole year. This was, moreover, due to no instrumental defect, as Mr. Blanford was so struck by it in May 1877, that he went to Benares, and examined and compared the barometer, and found that its index error was almost identical with that which had been ascertained by comparison at the Allahabad office before it was issued.

The second case is the Poona area of low pressure.

Months.	Poona to		
	Belgaum.	Bombay.	Bellary.
January	—·013	—·015	—·022
February	—·021	—·035	—·021
March	—·002	—·015	—·007
April	—·013	—·007	—·018
May	+·004	—·021	+·001
June	+·001	—·032	+·003
July	+·002	—·039	+·016
August	—·012	—·037	—·013
September	?	—·053	—·045
October	—·036	—·046	—·049
November	—·010	—·012	—·015
December	—·013	—·008	—·011
Year	?	—·027	—·015

This, it will be seen, is almost as striking and well marked an example as the Benares area of low pressure.

The third case is the Goalpara area of high pressure of 1877.

Months.	Goalpara to			
	Sibsagar.	Purneah.	Dacca.	Silchar.
January	+·023	P	+·016	+·013
February	+·029	P	+·009	+·029
March	+·015	+·013	+·006	+·025
April	+·010	P	+·010	+·024
May	+·019	P	+·012	+·014
June	+·012	+·001	—·002	+·008
July	+·001	—·018	—·001	—·006
August	—·007	P	+·005	+·004
September	—·001	+·023	—·017	—·021
October	+·025	+·039	+·009	+·004
November	+·003	P	+·012	+·020
December	+·016	P	+·013	+·027
Year	+·013	P	+·006	+·012

This example is almost as strongly marked as the two previous cases. Pressure was at Goalpara during the whole year almost without exception relatively higher than at all the neighbouring stations.

The fourth case is the Calcutta local area of high pressure.

Months.	Calcutta to				
	Cuttack.	Saugor Island.	Burdwan.	Jessore.	Berhampore.
January	+ ·017	+ ·007	+ ·009	+ ·008	+ ·049
February	+ ·021	+ ·013	+ ·018	+ ·005	+ ·026
March	+ ·005	+ ·008	0	+ ·013	— ·008
April	+ ·002	+ ·013	+ ·003	+ ·006	— ·017
May	+ ·012	+ ·018	+ ·008	+ ·018	+ ·002
June	+ ·035	+ ·009	+ ·023	+ ·005	— ·019
July	+ ·014	— ·001	+ ·016	+ ·019	+ ·006
August	+ ·013	— ·003	— ·004	+ ·008	— ·009
September	+ ·030	+ ·005	+ ·032	+ ·014	+ ·026
October	+ ·032	+ ·003	+ ·022	+ ·013	+ ·002
November	+ ·021	+ ·004	+ ·013	+ ·005	0
December	+ ·028	+ ·013	+ ·007	+ ·008	— ·007
Year	+ ·019	+ ·007	+ ·012	+ ·010	+ ·004

This table shows that pressure at Calcutta was during the whole year uniformly high with respect to all the neighbouring stations (except Berhampore). It was, therefore, relatively an area of local high pressure.

The variations of Calcutta with respect to Berhampore, as well as the fact of persistent high pressure during the year at Goalpara, appear to indicate the existence of a ridge of high pressure stretching from Calcutta through Berhampore to Goalpara, which perhaps played the same part in the deflection of the Bay of Bengal monsoon current towards the east over Burma and Arakan that the shorter lived barrier of high pressure across the head of the Peninsula proper did for the Bombay coast monsoon current.

It is unnecessary to deduce fresh examples. A thorough separate study of a few cases would, I believe, do more towards a knowledge of the part played by these abnormal variations in modifying the meteorology of the year than would be obtained by simply adding to their list.

I may only add that the hill stations of Chakrata and Newera Eliya seem to have been characterized during the year by excessively low pressure compared with neighbouring stations. If the observations are, as I believe, trustworthy at these two stations, and comparable with the means of former years, it shows what is *a priori* probable, that abnormal barometric variations and abnormal air motion is as marked a feature of the upper as of the lower atmospheric strata.

The atmospheric pressure, as given by readings of the barometer, is one of the most important elements of meteorological observation. It is, moreover, unlike observations of temperature, wind velocity, or even rainfall, capable of exact measurement by the use of accurate instruments. Notwithstanding the precision with which this meteorological element can be measured, erroneous ideas and theories on the nature of pressure have prevented the utilization of barometric observations to their full extent, and have given rise to false conceptions and principles which run through nearly every treatise on meteorology. The pressure, as measured by a barometric reading, gives simply and solely at the place and time of observation the elastic force of the air, a fluid in motion, the rate of motion being usually least in the region of observation, as it is the region where friction acts most powerfully in retarding motion. It is, moreover, the sum-total of pressure of its constituent elements, the usual division being into dry air and aqueous vapour. It is, however, not true that the pressure is the weight, or gives the weight, of the air; still less is it true that the pressure of the aqueous vapour constituent of the atmosphere gives the weight of aqueous vapour present over each unit of surface. The statements would be true, if the fluids were at rest, or in relative equilibrium, and if they were frictionless or non-viscous. The atmosphere, however, is not in a state of relative equilibrium, neither are its constituents non-viscous gases. Consequently the statements, that the pressure represents the weight of the superincumbent atmospheres, either of dry air or vapour, are, at the best, only approximations; the second being an approximation of a lower order than the former, and therefore less valuable than the first. But the degree of approximation, a most important point in estimating the value of these assumptions or principles, has not yet been ascertained, and consequently the value of the conclusions based upon them is also unknown at present.

Again, another principle enunciated often in the most positive manner is, that increasing temperature produces an ascensional movement of the atmosphere, and decreases the density, weight, or pressure of the atmosphere, and causes an indraught. This, in certain cases, gives an explanation, more or less adequate, according to the view of the individual who uses them. It, however, not only entirely fails to explain many phenomena in India, but is opposed to them. For example, the strongest winds in Northern India occur in the months of April and May. The winds prevailing at that time are essentially day winds, blowing from a region of high temperature, the North-Western Provinces, down the Gangetic valley, to a region of lower temperature, and also from a region of low pressure to a region of slightly higher pressure. Such principles as these are either quite inaccurate, or require very considerable modification, to make them useful as safe guides in Indian meteorology. In meteorological investigation, it is necessary to banish the idea of any connection between the pressure and weight of the atmosphere, and also the principle that increasing heat in any region *necessarily* diminishes the density of the atmosphere, or produces an indraught.

The pressure at any point of a liquid mass depends upon the density, temperature, and velocity at that point—or, in other words, it is a function of these variables. In certain cases these variables may be functions of the position of the point and of the time. The determination of the mathematical expression, giving the relation between these two sets of variables, is apparently too difficult a question for exact solution.

The relation between the pressure and the variables, density, temperature, and velocity, is within the reach of investigation; as also perhaps the more important question, what changes will be produced in the atmospheric pressure over a large area like India by continuous changes of temperature, air velocity, &c. In the first place, pressure varies directly as density, if the temperature and velocity remain constant. Increase of temperature also produces a proportionate increase of pressure, if the density and velocity are constant. Finally, increasing velocity diminishes pressure in a non-viscous fluid, acted on by no force. What the law of friction is in the case of air, and what effect change of velocity has in altering the pressure relations, has not yet been, so far as I am aware, investigated. By the combination of variations of two or of all the three elements, increase or decrease of pressure may follow, according to the relation between the changes of the two elements. Thus increasing temperature and diminishing density will produce increase or decrease of pressure, according as the effect due to the former, which is necessarily opposite to that of the latter, is greater or less in amount; and so on for other combinations.

Another principle, which it will be necessary to bear in remembrance, is indicated by the following considerations. With a certain arrangement of forces acting on the mass of the air and a given distribution of its mass, a state of relative equilibrium might be possible, and in that case statical considerations might be employed to deduce the relation between the pressure at different points. Such a case is, however, purely hypothetical, as the atmosphere is very far from being in a state of relative equilibrium. Hence all the problems of meteorology are essentially dynamical and not statical in character. For disturbance of any kind whatever necessarily alters the relations of pressure, density, &c. There would be no longer equilibrium, and motion would necessarily ensue. This motion is necessarily a readjustment of the continuous mass towards a state of equilibrium.

But the motion, which follows a single disturbance, is not a mere motion up to the state of relative equilibrium; it is in some sense or another an oscillation about the position of equilibrium. How long the oscillation will continue depends upon the resistances of friction, &c., called into play by the motion. Consequently any disturbance, such as increasing temperature, produced by the solar action, causes motion; it may be vertical or upward expansive motion of the atmosphere, or it may be horizontal, or both combined. Taking the case in which vertical motion occurs, it is evident the motion will be at first small, and the decrease of density due to it will produce less effect on the pressure than the increase due to temperature. Hence there is, first of all, increase of pressure; afterwards, the accumulation of motion—or the expansion—not merely takes place up to the position of equilibrium, but goes beyond it; or, in other words, the decrease of pressure due to expansion is greater than the increase due to rising temperature. Hence increasing temperature exercises a double or oscillatory action on the pressure of the atmosphere. Similarly, for diminishing temperature. In the case of forced oscillations, regular periodicity on the part of the cause is all-important. In the tropical regions, the periods of increasing and decreasing temperature are almost equal; whence it follows that the double daily oscillation due to the daily changes of temperatures will be fairly regular and continuous. They form the system of barometric tidal waves so clearly marked in the tropics. Each wave travels round the earth in one day. That it is mainly an oscillation of this kind, is evident from a variety of considerations, which it is not necessary to urge in a brief general report.

The action of the solar heat impresses a variety of periodicities on the atmospheric pressure. There is, first of all, the annual variation of the temperature of the air, dependent on the altitude of the sun, which impresses a periodic variation of equal length upon the atmospheric pressure. There is, again, the diurnal variation, due to the presence and absence of the sun, and which impresses a semi-daily oscillation upon the pressure.

In addition to these regular periodic changes of pressure, there are other changes, irregular in amount and in period, about the mean pressure.

In the dry hot weather of Northern India, for example, the action of the solar radiant heat gives rise to barometric oscillations about the mean, the period of which varies from three to ten or twelve days. The effect of the gradual accumulation of the action appears to be that pressure increases for some time; then the expansive action goes on with accelerating effect, and produces a gradual diminution of pressure. This proceeds most rapidly in the region of greatest temperature. The accumulating vertical movement gives rise to the formation of clouds, occasionally followed by rain, thunderstorm, &c.; whilst in the lowest strata there is an indraught to a greater or less extent, one of the most marked effects being the temporary reversal of the normal wind direction in the Gangetic valley.

If any of these were to recur at the same period, then, by subdividing the year up into suitable short periods, the presence of these yearly recurrent barometric features might be detected. In my Report on the Meteorology of the North-Western Provinces for the year 1874, I have shown, for example, by subdividing the month into ten-day periods, that there is a very marked tendency to the recurrence in Upper India of a period of low barometer, diminished temperature, and stormy weather during the first

ten days of February. The first ten days of March is also shown in the same manner to be usually a cold period. The recurrence of periods of abnormal meteorological conditions—as, for example, diminished temperature—is a well-established fact in the meteorology of Europe, for which various causes have been assigned, the most probable being the action of the large mass of polar ice to the north of Europe. Although, from its position, it would hardly be possible to imagine that so distant a source of cold could directly affect, and produce, recurrent sensible variations in the climate of India, it seems not improbable that the action of the vast Himalayan snow region may produce similar annual and periodic recurrences of extraordinary atmospheric conditions.

One leading feature in the daily changes of pressure over India is the occurrence of oscillations about the mean of irregular period, varying from two or three days to a fortnight. They usually extend over the whole of India without exception, and in such a manner as to indicate that they also extend over the Bay of Bengal and the Arabian Sea. The pressure over the whole of this area increases for, it may be, three or four days, until it is considerably above the mean, and then diminishes for several days, until it is below the average, and it again begins to increase. It has been happily stated that, in Europe, weather consists in the passage of cyclones and anticyclones, *i. e.*, of areas of low pressure and high pressure across the place of observation. The changes hence mainly occur in a horizontal direction. In India, on the other hand, the homogeneity of the atmospheric changes over so large an area points to the probability that the primary and important atmospheric movement is vertical (expansive and contractive) in character.

If this be so, it only adds one more to the numerous reasons for assuming that tropical meteorology in its inferential laws, as deduced solely from observation, will necessarily differ very considerably from the meteorology of a temperate region like Europe; and, as a further corollary, it follows that, before the dynamics of the atmosphere can be understood, the combination of facts from regions of horizontal motion and action and from those of vertical motion and action must be combined, so as to form a homogeneous whole, and that the two sets of facts must be regarded not as opposed to, but as supplementing, each other.

Wind.

January.—The general determination of the motion of the lower atmosphere is southwards during the prevalence of the north-east monsoon. The greater velocity of rotation of the earth's surface in low latitudes than in high latitudes causes this northerly wind in its progress southwards to lag behind with reference to the earth, and hence it seems to move to the westward as well as the south, and becomes a north-east wind. This is the main cause operating at sea to deflect the northerly to a north-easterly wind. On land the configuration of the earth's surface, and the relation between land and sea—or, in other words, the geographical features taken in their totality—are all-powerful in modifying the direction of the wind. Thus, in Northern India over the Gangetic valley, the mean direction of the lower air current in the cold-weather months varies from west to north-west; in the Assam valley, it is nearly due east; in the Gangetic delta, it ranges from north to north-west; in Central India, or rather in the valleys of the Narbada and Tapti, it varies from north-east to east; whilst in the Deccan, it varies from east-north-east to east-south-east. It should be remembered that it is essentially a continental wind, a wind blowing from colder to warmer regions. Its capacity for retaining aqueous vapour

(or its dryness) increases and its humidity diminishes with its southward progress, and hence it is essentially a dry wind on land. It should also be remembered that, in virtue of the continuity of the atmosphere as a whole, this southward motion in the lower atmospheric strata, is necessarily accompanied by a return current in the upper atmospheric strata. Moreover from the comparatively small amount of friction between the atmospheric strata compared with that between the air and land and sea, and the absence of the modifying action of massive land-projections, the upper current is much more regular. It consequently, if judged by cloud motion, gives a continuous motion from the south-west to the north-east of the upper strata. The velocity of this current is, moreover, intimately connected with the velocity of the lower current. Considerable variations in the direction and intensity of motion of one necessarily imply corresponding variations in the other current.

Instead of noting separately the local peculiarities, I shall endeavour to trace out, in the first place, the major deviations of the air motion from its normal features, month by month, by means of tabular comparisons.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, January.	Mean wind direction, January 1877.	Mean diurnal wind velocity, January.	Mean diurnal wind velocity, January 1877.	Average percentage, January.	Percentage, January 1877.
Rawalpindi	N. 69° W.	N. 52° W.	54·0	31·6	26	30
Lahore	N. 29° W.	N. 13° E.	65·4	40·0	26	20
Roorkee	N. 66° W.	N. 74° W.	60·6	52·7	15	17
Delhi	N. 74° W.	N. 56° W.	81·2	57·3	42	34
Bareilly	N. 54° W.	N. 89° W.	60·0	75·0	36	28
Agra	N. 63° W.	N. 80° W.	85·0	64·4	35	25
Lucknow	N. 74° W.	N. 70° W.	56·6	50·0	51	36
Allahabad	N. 51° W.	N. 29° E.	...	35·4	25	34
Gorakhpur	S. 86° W.	N. 62° W.	...	...	46	28
Benares	N. 75° W.	S. 37° W.	72·7	72·4	26	7
Jhansi	N. 20° W.	N. 53° E.	...	...	28	63
Jubbulpore	N. 2° W.	N. 2° W.	60·9	37·4	20	15

The table shows that the most important feature in the air motion of Northern India during the month of January 1877 was that the velocity of the prevailing winds was considerably below the average. This was very marked at all the Punjab stations, where it was barely 60 per cent. of its normal amount. In the North-Western Provinces, every station, except Bareilly, presents the same feature of diminished air motion.

In the Punjab, more especially in the eastern districts, the northerly element of the mean wind direction was more strongly developed than usual, and the westerly element unusually weak. The reverse was the case in the western divisions of the North-Western Provinces. In the eastern divisions the variations were similar in character to those in the Punjab, and were even more strongly and distinctly marked at Allahabad and Gorakhpur than in the Punjab.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, January.	Mean wind direction, January 1877.	Average daily wind velocity, January.	Average daily wind velocity, January 1877.	Average percentage, January.	Percentage, January 1877.
Patna ...	N. 78° W.	N. 88° W.	55·8	33·1	39	7
Hazaribagh	N. 64° W.	N. 58° W.	112·7	109·5	52	15
Purneah	N. 77° W.	N. 56° W.	...	51·6	38	29
Goalpara	S. 89° E.	S. 86° E.	81·7	86·1	34	46
Sibsagar	N. 63° E.	N. 74° E.	45·2	40·9	49	71
Dacca	N. 50° W.	N. 30° W.	52·6	61·1	34	22
Burdwan	N. 38° W.	N. 10° W.	49·4	51·0	35	48
Calcutta	N. 38° W.	N. 42° W.	96·0	91·6	38	27
Chittagong	N. 26° W.	N. 9° W.	114·3	103·2	51	37
Saugor Island	N. 7° E.	N. 16° E.	136·9	137·7	20	37
False Point	N. 45° E.	N. 37° E.	...	...	21	35
Akyab	N. 27° W.	N. 6° W.	69·8	71·9	39	32
Port Blair	N. 35° E.	N. 44° E.	159·2	...	79	88
Nancowry	N. 89° E.	S. 80° E.	218·0	...	84	87
Cuttack	N. 64° E.	N. 6° E.	41·5	49·9	9	37

In Behar the winds were unusually variable. This was most marked at Patna, where the wind velocity was also very considerably below the average. In Bengal, Arakan, and Orissa the northerly element of the mean wind direction was much stronger than usual, and the westerly element comparatively feeble. The mean wind velocity over this area differed only by small amounts from the average of previous years.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, January.	Mean wind direction, January 1877.	Average daily wind velocity, January.	Average daily wind velocity, January 1877.	Average percentage January.	Percentage, January 1877.
Ajmere	N. 37° E.	S. 18° E.	...	56·1	11	52
Deesa ...	N. 5° W.	N. 11° E.	...	...	36	37
Kurrachee	N. 21° W.	N. 63° E.	...	279·0	14	27
Bombay	N. 1° W.	N. 7° E.	243·2	217·6	61	50
Akola ...	N. 44° E.	N. 53° E.	93·8	96·4	38	56
Khandwa	N. 74° E.	N. 24° E.	...	84·8	31	24
Hoshangabad	N. 50° E.	N. 56° E.	63·7	86·8	39	51
Nagpur	N. 80° E.	N. 89° E.	67·0	92·4	33	35
Sambalpur	N. 50° W.	N. 30° W.	...	45·0	41	44
Raipur	N. 13° E.	N. 2° W.	45·6	55·4	18	43

The chief feature in the winds is the excessive velocity in the Central Provinces, over the whole of which it was probably 30 per cent. above its average amount. Bombay, and probably the whole Bombay coast region, had, on the other hand, lighter winds than usual. With the exception of Ajmere, which is situated amongst hills, and by no means an indicator of the direction of the general atmospheric current in that part of India, the one common feature which the above return of the wind elements in Western India and the Central Provinces presents is a stronger easterly component than usual. This is very marked at Bombay, Deesa, and Kurrachee, where the normal westerly component is replaced by an easterly element. This would seem to indicate that the action of the Himalayan region in determining the wind direction was stronger than usual, whilst that of the cold region of Baluchistan and Afghanistan was relatively weaker than in normal years.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, January.	Mean wind direction, January 1877.	Average daily wind velocity, January.	Average daily wind velocity, January 1877.	Average percentage, January.	Percentage, January 1877.
Vizagapatam	S. 55° E.	S. 41° E.	50·8	48·8	42	66
Bellary	S. 63° E.	S. 56° E.	87·4	111·2	56	80
Bangalore	S. 82° E.	S. 78° E.	65·3	29·0	79	81
Madras	N. 49° E.	N. 58° E.	164·7	163·4	63	87
Poona	N. 61° E.	N. 69° E.	...	...	25	12
Coimbatore	N. 74° E.	N. 76° E.	88·2	99·6	67	85
Trichinopoly	N. 43° E.	N. 53° E.	144·4	137·2	74	85
Negapatam	N. 54° E.	N. 47° E.	122·8	103·5	81	92
Madura	N. 80° E.	N. 84° E.	122·5	139·8	88	94

In the Deccan and Southern India the variations were much more irregular than in Northern India. The wind velocity generally varied slightly from the average. Bangalore had extremely light winds. The wind percentage at the great majority of stations indicates that the air motion was steadier than usual over this area. As in the Central Provinces and Bombay, the easterly element of the wind was more strongly developed than usual. In Ceylon the winds were of normal strength on the east coast. At the west coast stations they were considerably above average intensity.

February.—The characteristic features of the air motion in India during the month of February are almost identical with those of January. The north-east monsoon continues in full strength over both the land and sea areas. The first indications of the setting in of the local sea winds along the coast of Bengal are shown by the mean wind directions for the month of Cuttack, False Point, Saugor Island, and Calcutta. These are—

False Point	S. 27° W.	Saugor Island	S. 68° W.
Cuttack	S. 9° W.	Calcutta	S. 81° W.

The sea winds are during this month confined to a very limited coast area between the mouths of the Mahanadi and the Hooghly.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, February.	Mean wind direction, February 1877.	Average daily wind velocity, February.	Average daily wind velocity, February 1877.	Average percentage, February.	Percentage, February 1877.
Rawalpindi	N. 80° W.	N. 27° W.	62·2	51·9	32	22
Lahore	N. 32° W.	N. 27° W.	74·0	46·7	36	20
Roorkee	N. 37° W.	N. 77° W.	74·5	89·5	24	24
Delhi	N. 54° W.	N. 39° W.	97·7	89·5	61	51
Bareilly	N. 64° W.	N. 88° W.	90·3	107·6	42	46
Agra	N. 69° W.	N. 82° W.	93·6	86·4	42	58
Lucknow	N. 70° W.	N. 82° W.	71·6	76·0	52	51
Allahabad	N. 84° W.	N. 75° W.	...	56·6	38	45
Gorakhpur	N. 87° W.	N. 83° W.	...	...	43	50
Benares	N. 84° W.	S. 57° W.	94·3	107·3	38	42
Jhansi	N. 75° W.	N. 59° E.	...	...	14	41
Jubbulpore	N. 22° W.	N. 51° W.	66·4	47·5	18	27

The leading features of this air motion in Upper India during the month of February 1877 indicate clearly a continuation of the characteristics which distinguished the month of January.

In the Punjab the winds were much lighter than usual, more variable, and contained a much stronger northerly element than usual. In the western districts of the North-Western Provinces the wind velocity was at the majority of stations slightly below the average, and the winds were slightly steadier than usual. Bareilly, as during the month of January, had much stronger winds than usual. The mean wind directions at the stations in this area were nearly due west, the northerly component almost entirely disappearing.

In the eastern districts of the North-Western Provinces the winds were much steadier than the average, and the westerly element slightly less marked. At Benares and the neighbouring station of Patna the feeble northerly element was replaced by a much stronger southerly component. The characteristic wind features of this area continued to be remarkably persistent at this period.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, February.	Mean wind direction, February 1877.	Average daily wind velocity, February.	Average daily wind velocity, February 1877.	Average percentage, February.	Percentage, February 1877.
Patna	N. 72° W.	S. 83° W.	74·0	36·8	41	59
Hazaribagh	N. 69° W.	N. 75° W.	143·2	145·2	63	56
Purneah	S. 80° W.	S. 85° W.	...	65·6	70	72
Goalpara	N. 87° E.	N. 10° W.	99·1	60·6	23	3
Sibsagar	N. 65° E.	N. 83° E.	56·3	48·2	45	46
Dacca	S. 79° W.	N. 50° W.	67·2	69·6	36	43
Burdwan	N. 57° W.	N. 32° W.	60·7	57·3	49	54
Calcutta	S. 81° W.	N. 37° W.	100·1	96·6	23	27
Chittagong	N. 40° W.	N. 31° W.	124·1	115·0	32	31
Saugor Island	S. 68° W.	N. 15° E.	183·1	144·9	22	41
False Point	S. 27° W.	N. 52° E.	...	...	12	46
Cuttack	S. 9° W.	N. 41° E.	56·5	69·8	14	43
Akyab	N. 29° W.	N. 18° W.	85·6	87·8	50	45
Port Blair	N. 42° E.	N. 47° E.	111·2	...	73	79
Nancowry	N. 75° E.	N. 84° E.	204·1	...	85	84

The wind velocity in the Lower Provinces was slightly below the average for the month. Patna and Goalpara are prominent, as presenting unusually feeble air motion

during the month. The winds were generally less variable than in average years. Goalpara in this feature formed a marked exception, only 3 per cent. instead of 23 per cent. of the total winds blowing from the mean direction during the month.

The wind directions in Bengal show an unusual preponderance of northerly winds. The westerly element in the north-west winds at Chittagong, Dacca, Burdwan, and Calcutta was unusually feeble; whilst at the sea-board stations of Saugor Island and False Point, and also at Cuttack, the mean wind directions for the month were north-east instead of south-west, or the opposite to their normal direction.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, February.	Mean wind direction, February 1877.	Average daily wind velocity, February.	Average daily wind velocity, February 1877.	Average percentage, February.	Percentage, February 1877.
Ajmere	N. 82° W.	S. 57° E.	...	62·6	12	12
Deesa	N. 13° E.	N. 29° E.	...	...	22	28
Kurrachee	N. 86° W.	S. 65° W.	...	254·5	17	23
Bombay	N. 9° W.	N. 11° W.	258·2	264·9	54	50
Akola	N. 26° E.	N. 8° W.	96·1	109·5	30	34
Khandwa	N. 6° E.	N. 42° E.	...	108·8	30	30
Hoshangabad	N. 56° E.	N. 44° E.	68·1	96·6	15	54
Nagpur...	N. 62° E.	N. 55° E.	87·7	107·5	21	32
Sambalpur	N. 28° W.	S. 50° W.	...	57·9	20	19
Raipur	N. 16° E.	N. 36° E.	69·1	95·3	10	66

The deviations from the mean wind distribution were very irregular in Western and Central India. The wind velocity in the Central Provinces continued to be excessive, and the winds were generally less variable than usual. The mean wind directions for the month differed considerably from the means of previous years, but the variations appear to have been local rather than general in character.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, February.	Mean wind direction, February 1877.	Average daily wind velocity, February.	Average daily wind velocity, February 1877.	Average percentage, February.	Percentage, February 1877.
Vizagapatam	S. 9° E.	S. 3° E.	62·7	53·0	40	62
Bellary	S. 55° E.	S. 35° E.	107·2	144·2	50	36
Bangalore	S. 82° E.	S. 51° E.	61·1	38·3	67	52
Madras	S. 87° E.	S. 71° E.	160·5	167·4	63	81
Poona	N. 21° W.	N. 59° W.	...	...	16	14
Coimbatore	N. 83° E.	S. 57° E.	87·3	92·2	65	54
Trichinopoly	N. 63° E.	N. 73° E.	132·9	112·9	69	58
Negapatam	N. 76° E.	E.	93·8	72·4	73	54
Madura	N. 86° E.	N. 83° E.	123·9	129·1	87	93

The wind velocity in the Deccan and Southern India was generally slightly above the average. Vizagapatam, Trichinopoly, Negapatam, and more especially Bangalore, continue to present diminished air motion. The winds were generally less steady than the average; and hence the air motion over this portion of India contrasts strongly with what it was during the previous month.

March.—In March the winds began to change their character in Northern India. They acquire increased intensity during the day hours, and thus form hot day winds. Easterly winds continue in Assam. In Central India the winds range from west to north-west; and in the area between the districts occupied by the coast winds of Bombay and of the Bay of Bengal the wind directions are very variable. This is shown by the average wind direction and percentage giving wind steadiness at Bellary, Sambalpur, Chanda, Raipur, and Nagpur. Along the west coast of the Bay of Bengal sea breezes set in, and give the prevailing direction to the wind. The wind directions are nearly parallel to the trend of the coast, and their general action is to give a gentle anticyclonic motion of the air round the limits of the Bay, whilst the centre of the Bay is a region of light north-easterly or variable winds.

The westerly winds of Northern India, the south-westerly sea breezes of Bengal, and the easterly winds of Assam, converge at this period to the north-western districts of Bengal. The commencement of the hot-weather rains in Assam and Eastern Bengal appears to be determined by the interaction of the moist sea local winds and the colder winds of Assam.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, March.	Mean wind direction, March 1877.	Average daily wind velocity, March.	Average daily wind velocity, March 1877.	Average percentage, March.	Percentage, March 1877.
Rawalpindi	N. 68° W.	N. 81° W.	61·0	54·1	24	22
Lahore	N. 6° W.	N. 9° E.	97·0	68·1	37	32
Roorkee	N. 54° W.	S. 83° W.	71·3	71·5	22	10
Delhi	N. 61° W.	N. 29° W.	96·4	85·6	47	35
Bareilly	N. 54° W.	N. 85° W.	92·6	106·0	42	29
Agra	N. 67° W.	N. 71° W.	106·6	96·4	39	17
Lucknow	N. 63° W.	N. 61° W.	85·3	77·0	59	42
Allahabad	N. 83° W.	N. 87° W.	56·5	50·1	45	40
Gorakhpur	N. 80° W.	N. 73° W.	...	...	37	51
Benares	N. 88° W.	S. 65° W.	106·1	102·0	44	48
Jhansi	S. 74° W.	N. 23° E.	...	...	11	22
Jubbulpore	W.	S. 27° W.	80·2	67·2	21	48

The following were the chief features of the air motion in Upper India during the month of March 1877:—

1st.—The winds were less steady than usual. This was most marked at Roorkee, Bareilly, and Agra.

2nd.—The wind velocity was considerably below the average. The only station in this area which presents more than average air motion is Bareilly.

3rd.—In the Punjab the winds were generally more northerly than usual; whilst in the North-Western Provinces, with the exception of Gorakhpur, the winds were more westerly.

4th.—The wind direction at Benares contained an unusual southerly element. This feature was also present at the neighbouring Behar stations of Patna and Gya.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, March.	Mean wind direction, March 1877.	Average daily wind velocity, March.	Average daily wind velocity, March 1877.	Average percentage, March.	Percentage, March 1877.
Patna	N. 70° W.	S. 82° W.	93·1	51·2	48	58
Hazaribagh	N. 78° W.	N. 86° W.	157·9	174·9	62	69
Purneah	N. 81° W.	S. 83° W.	...	96·7	37	47
Goalpara	N. 89° E.	N. 21° E.	152·7	104·9	32	15
Sibsagar	N. 64° E.	N. 78° E.	77·8	75·9	52	36
Dacca	S. 22° W.	S. 28° W.	113·4	106·5	54	62
Burdwan	S. 72° W.	S. 86° W.	85·2	84·7	44	48
Calcutta	S. 32° W.	S. 27° W.	132·4	147·3	49	61
Chittagong	S. 60° W.	S. 44° W.	153·2	127·0	21	28
Saugor Island	S. 41° W.	S. 33° W.	255·3	243·6	61	61
Akyab	N. 57° W.	N. 58° W.	94·2	101·7	29	15
Port Blair	N. 57° E.	N. 58° E.	109·9	...	68	90
Cuttack	S. 19° W.	S. 59° W.	89·7	97·8	44	33
Nancowry	N. 74° E.	S. 83° E.	134·8	...	68	81

The following were the more important features of the air motion in this area :—

1st.—In Behar and Northern Bengal, as at Benares, the usual northerly element was replaced by a southerly component. In Southern Bengal the winds were more directly from the south than usual, the westerly element being less marked than in normal years. In Orissa and in Western Bengal the westerly component was very strongly marked, as is shown by the mean wind directions of Cuttack, Burdwan, and Berhampore.

2nd.—The velocity was below the average at the great majority of stations. The only exceptions were Calcutta, Hazaribagh, Cuttack, and Akyab. This diminished air motion was most prominent at Patna and Goalpara.

3rd.—The winds were generally somewhat more steady than usual over the whole of this area, excepting in Assam and at Akyab. The north-east monsoon winds blew with remarkable steadiness in the south-east of the Bay.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, March.	Mean wind direction, March 1877.	Average daily wind velocity, March.	Average daily wind velocity, March 1877.	Average percentage, March.	Percentage, March 1877.
Ajmere	S. 55° W.	N. 84° W.	...	78·7	27	31
Deesa	N. 76° W.	N. 85° W.	...	...	43	21
Kurrachee	S. 62° W	S. 52° W.	...	325·1	71	78
Bombay	N. 29° W.	N. 19° W.	287·3	248·2	55	60
Akola	N. 38° W.	N. 34° W.	105·7	98·4	52	52
Khandwa	N. 46° W.	N. 64° W.	...	104·3	52	54
Hoshangabad	N. 58° W.	N. 87° W.	60·5	63·9	11	28
Nagpur	S. 37° W.	S. 44° W.	97·7	113·1	1	21
Sambalpur	S. 85° W.	N. 68° W.	...	74·1	26	55
Raipur	S. 76° W.	S. 69° W.	86·9	113·4	8	14

The following are the more important features in the air motion of this portion of India:—

1st.—The north-westerly winds of Central India and the Central Provinces contained an unusually strong westerly element. In Western Orissa the winds were more northerly. Along the coast, at Kurrachee and Bombay, the westerly element was weaker than usual.

2nd.—The wind velocity in the western portion of this area was slightly below the average. In the Central Provinces and at Sambalpur and Raipur the air motion was considerably in excess of its normal amount.

3rd.—Over the area of excessive wind velocity in the Central Provinces the steadiness of the wind was very considerably above the average.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, March.	Mean wind direction, March 1877.	Average daily wind velocity, March.	Average daily wind velocity, March 1877.	Average percentage, March.	Percentage, March 1877.
Vizagapatam	S. 49° W.	S. 53° W.	87·3	55·6	56	58
Bellary	S. 56° E.	S. 25° E.	121·7	129·2	9	34
Bangalore	S. 30° E.	S. 37° E.	51·7	32·2	56	63
Madras	S. 48° E.	S. 52° E.	198·4	175·8	79	87
Poona	N. 19° W.	N. 18° W.	...	...	52	55
Coimbatore	S. 80° E.	N. 69° E.	86·8	87·3	47	59
Trichinopoly	S. 69° E.	S. 89° E.	130·4	119·9	51	66
Negapatam	S. 51° E.	S. 63° E.	101·8	70·9	72	85
Madura	S. 78° E.	S. 70° E.	91·3	109·7	77	90

Over the greater part of the area, excluding the Northern Deccan, as shown by the Bellary returns, the winds were more directly from the east. Thus both the westerly winds in Central India and the easterly winds of Southern India blew more directly across the Peninsula than usual.

The air motion was below the average at all stations, excepting Madura. The diminished velocity was very strongly marked at Vizagapatam and Bangalore.

The winds were unusually steady throughout the month, 90 per cent. of the winds blowing in the mean direction at Madura and 87 per cent. at Madras.

April.—The wind distribution for the month of April is almost identical with that of March. The hottest district of India during this month, as defined by the isotherm of 90°, includes the greater part of the Deccan and Central Provinces. The winds over the greater part of this area, termed by Mr. Blanford the thermal focus of India, are light and very variable. The hot day winds of Upper India generally increase in intensity during this month, and the sea breezes over the narrow coast area continue with increasing vigour. The centre of converging winds in the Lower Provinces moves westward, and its mean position for the month is near the great bend of the Ganges at Rajmahal, nearly midway between Berhampore and Patna.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, April.	Mean wind direction, April 1877.	Average daily wind velocity, April.	Average daily wind velocity, April 1877.	Average percentage, April.	Percentage, April 1877.
Rawalpindi	N. 70° W.	N. 77° W.	79·1	58·9	26	17
Lahore	N. 43° W.	N. 14° E.	97·9	79·7	28	32
Roorkee	N. 77° W.	N. 35° W.	75·3	74·7	7	16
Delhi	N. 56° W.	N. 9° W.	101·3	86·9	42	23
Bareilly	N. 56° W.	S. 67° W.	95·1	103·4	34	40
Agra	N. 79° W.	S. 48° W.	114·3	112·8	45	43
Lucknow	N. 56° W.	N. 62° W.	89·8	85·2	44	28
Allahabad	N. 67° W.	S. 32° W.	?	70·4	23	10
Gorakhpur	N. 54° W.	N. 70° W.	...	..	19	22
Benares	N. 79° W.	S. 84° W.	114·5	130·9	43	32
Jhansi	S. 86° W.	N. 39° E.	...	...	27	17
Jubbulpore	N. 70° W.	S. 24° W.	94·7	107·8	28	52

The above table shows that in the Upper Provinces the chief features in April 1877 were—

1st.—In the Punjab the winds were generally north-easterly, instead of north-westerly. At Roorkee and Delhi the winds were almost due north, a very unusual direction. In the centre of the North-Western Provinces and Oudh they were, on the other hand, more westerly than usual. The air motion at Benares contained the same southerly element as during the previous month. This feature also extended during the month to Jubbulpore, Allahabad, Agra, and Bareilly.

2nd.—The wind velocity was generally below the average by small amounts. The Punjab stations alone presented this feature of diminished velocity to a marked extent. At Bareilly, Benares, and Jubbulpore the air motion was considerably above the average.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, April.	Mean wind direction, April 1877.	Average daily wind velocity, April.	Average daily wind velocity, April 1877.	Average percentage, April.	Percentage, April 1877.
Patna	N. 24° W.	N. 86° W.	123·8	81·3	28	42
Hazaribagh	N. 73° W.	N. 76° W.	175·7	186·0	44	74
Purneah	.....	...	...	110·8	...	...
Goalpara	N. 88° E.	N. 75° E.	175·0	145·9	42	45
Sibsagar	N. 56° E.	N. 79° E.	76·2	84·6	49	58
Dacca	S. 8° E.	S. 8° E.	158·5	119·7	57	69
Burdwan	S. 39° W.	S. 60° W.	122·5	81·6	46	37
Calcutta	S. 3° W.	S. 21° W.	192·4	142·1	73	62
Chittagong	S. 13° W.	S. 20° W.	184·3	149·4	34	21
Saugor Island	S. 25° W.	S. 22° W.	370·1	295·4	75	72
Akyab	S. 80° W.	S. 79° W.	107·0	107·1	39	37
Port Blair	N. 81° E.	N. 70° E.	139·3	...	45	66
Cuttack	S. 16° W.	S. 53° W.	126·9	100·1	60	58
Nancowry	S. 50° E.	S. 73° E.	126·0	163·4	22	79

The wind returns of this area present the following characteristics:—

1st.—The westerly element of the winds in Behar and Chutia Nagpur was more strongly developed than usual. The westerly element of the sea winds of Bengal and Orissa, more especially at Calcutta, Burdwan, Chittagong,

and Cuttack, show the increasing westerly tendency of the winds. This continued to be a prominent feature during the next four months.

2nd.—The wind velocity at the great majority of stations was considerably below the average. This is very marked in the case of the sea winds of the coast area. The same causes which gave rise to the diminished westerly winds of the Gangetic valley also produced decreased indraught from the sea to Bengal. Hazaribagh and Nancowry are the only stations that show increased air motion.

3rd.—The sea winds of Bengal and Orissa were slightly less steady than usual. The Port Blair and Nancowry returns indicate the continuance of the abnormal steadiness of the air motion which characterized the winds of March over that portion of the Bay. The westerly winds in Behar and Chutia Nagpur were also unusually steady.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, April.	Mean wind direction, April 1877.	Average daily wind velocity, April.	Average daily wind velocity, April 1877.	Average percentage, April.	Percentage, April 1877.
Ajmere	S. 73° W.	S. 65° W.	...	113·6	49	40
Deesa	N. 69° W.	N. 88° W.	...	...	53	37
Kurrachee	S. 60° W.	S. 52° W.	...	342·4	76	85
Bombay	N. 59° W.	N. 36° W.	273·8	262·0	54	55
Akola	N. 55° W.	N. 84° W.	146·5	124·9	57	50
Khandwa	N. 49° W.	N. 65° W.	142·6	128·2	58	57
Hoshangabad	S. 76° W.	S. 62° W.	65·1	68·9	20	40
Nagpur	N. 72° W.	S. 42° W.	121·7	151·2	22	43
Sambalpur	S. 83° W.	N. 81° W.	...	86·3	35	68
Raipur	W.	S. 8° E.	105·6	132·3	31	7

The chief features of the air motion in this area were—

1st.—Increased velocity of the air motion in the Central Provinces and Western Provinces. This was accompanied by slightly diminished air motion in the Berars and Bombay.

2nd.—The winds at the majority of stations in the Central Provinces were unusually steady. This is most distinctly shown by the wind returns of Hoshangabad, Nagpur, and Sambalpur.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, April.	Mean wind direction, April 1877.	Average daily wind velocity, April.	Average daily wind velocity, April 1877.	Average percentage, April.	Percentage, April 1877.
Vizagapatam	S. 41° W.	S. 32° W.	106·0	52·1	58	68
Bellary	S. 17° W.	S. 28° E.	134·4	135·4	14	30
Bangalore	S. 14° W.	S. 24° E.	71·0	74·8	49	37
Madras	S. 40° E.	S. 51° E.	244·1	203·0	81	95
Poona	N. 39° W.	N. 23° W.	...	..	49	58
Coimbatore	S. 33° E.	S. 73° E.	95·8	88·4	49	49
Trichinopoly	S. 49° E.	S. 72° E.	112·6	42·5	29	59
Negapatam	S. 36° E.	S. 57° E.	129·6	112·0	74	90
Madura	S. 26° E.	S. 41° E.	80·2	104·5	62	80

1st.—The wind directions of the stations in the Deccan and Madras present the same strong easterly element as in the preceding month. At Vizagapatam the

south-westerly winds were less westerly than usual. At Bellary and Bangalore the south-west winds were replaced by south-east winds. At Madras the south-east winds were 11° more to the east than usual, while farther south the easting of the winds was from 15° to 40° in excess of its average amount.

2nd.—The winds were unusually steady at the majority of stations. At Madras 95 per cent. of the winds blew from the mean direction, a very high percentage.

3rd.—The air motion was at the majority of stations below the average. This was very marked at Vizagapatam, where the wind velocity was barely half its normal amount. The only station at which the air motion was considerably above the average was Madura.

May.—The thermal focus or area of maximum temperature in the month of May is defined by the isotherm of 95°, and is a nearly triangular area, the angular points of which are defined by the stations of Ajmere, Jhansi, and Hoshangabad. There is, however, little or no indraught towards this area of greatest heat. The winds in the Central Provinces and Central India are almost due north-west at this time. Along the Bombay coast the sea winds predominate, and present a general mean westerly direction. In the extreme south of India, in Ceylon, and at the Nicobars and Andamans, the south-west monsoon current is fully established before the end of the month. At the head of the Bay, the local sea breezes continue in an intensified form, and the mean wind directions at Calcutta and Dacca acquire an easterly component, which becomes a very marked feature of the following rainy months. In Upper India the westerly winds generally die away during this month, and the winds are much less regular and constant than during the preceding months of March and April. The feeble cyclonic circulation, due to the convergence of the sea winds of Southern Bengal and the land winds of Assam and Northern India, is even more distinctly exhibited by the mean wind directions of the stations in Behar and Northern Bengal for this month than hitherto. The following table gives the wind directions at several stations in this area of converging winds and cyclonic circulation:—

Berhampore	S. S. E.	Gya	N. E.
Purneah	E. N. E.	Benares	N. W.
Patna	N. E.	Hazaribagh	W.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, May.	Mean wind direction, May 1877.	Average daily wind velocity, May.	Average daily wind velocity, May 1877.	Average percentage, May.	Percentage, May 1877.
Rawalpindi	N. 49° W.	N. 80° W.	65·4	41·7	18	6
Lahore	N. 4° E.	N. 11° E.	96·1	65·5	21	19
Roorkee	N. 81° W.	N. 80° W.	93·8	85·6	8	17
Delhi	N. 10° W.	N. 22° W.	110·6	94·4	15	46
Bareilly	N. 55° W.	N. 88° W.	108·6	117·4	7	34
Agra	N. 68° W.	S. 84° W.	147·7	127·3	31	54
Lucknow	N. 31° W.	S. 85° W.	100·6	87·0	12	29
Allahabad	N. 50° W.	S. 51° W.	84·7	72·7	17	14
Gorakhpur	N. 86° E.	S. 65° E.	...		26	14
Benares	N. 49° W.	N. 80° W.	124·4	124·7	21	44
Jhansi	N. 80° W.	N. 49° E.	...	...	27	18
Jubbulpore	N. 65° W.	S. 47° W.	118·5	...	48	36

The chief features in the air motion of the Upper Provinces during the month of May 1877 were—

1st.—Over the greater part of the North-Western Provinces the westerly component of the air motion was more strongly developed than usual. The mean direction at Bareilly was 33° more westerly than usual. In the central districts of the province, as shown by the Agra, Lucknow, and Jubbulpore returns, the usual northerly component was replaced by a feeble southerly component.

2nd.—The wind velocity at all stations, except Bareilly and Benares, was considerably below the average. The diminished air motion was most pronounced in the Punjab.

3rd.—The winds at the majority of the North-Western Provinces' stations were more steady than usual. The opposite was the case in the Punjab. Agra, Benares, and Bareilly were conspicuous for the unusual prevalence of the mean winds.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, May.	Mean wind direction, May 1877.	Average daily wind velocity, May.	Average daily wind velocity, May 1877.	Average percentage, May.	Percentage, May 1877.
Patna	N. 41° E.	N. 72° E.	119·5	61·5	32	28
Hazaribagh	S. 89° W.	N. 77° W.	201·6	210·3	22	60
Purneah	N. 80° E.	S. 83° E.	...	104·1	66	38
Goalpara	S. 85° E.	N. 86° E.	159·5	99·1	47	42
Sibsagar	N. 44° E.	N. 72° E.	86·6	91·4	55	37
Dacca	S. 21° E.	S. 11° E.	157·9	132·1	60	66
Burdwan	S. 4° W.	S. 31° W.	161·7	109·8	57	53
Calcutta	S. 11° E.	S. 16° W.	203·9	169·4	66	81
Chittagong	S. 7° W.	S. 14° W.	171·4	164·2	39	49
Saugor Island	S. 17° W.	S. 16° W.	346·9	309·8	74	66
Akyab	S. 44° W.	S. 50° W.	80·2	92·9	31	47
Port Blair	S. 34° W.	S. 9° W.	179·8	...	50	8
Cuttack	S. 5° W.	S. 31° W.	132·8	115·0	65	57
Nancowry	S. 55° W.	S. 21° W.	170·9	198·0	53	37

In the Lower Provinces the following characteristic features marked the air motion during the month:—

1st.—The mean air motion in the south of the Bay (the month is one of transition from the north-east to south-west monsoon) was more directly from the south than usual. This was apparently due to the prolonged prevalence of north-east winds, *i.e.*, to the delay in the establishment of the south-west monsoon. Over the whole of Bengal, Arakan, and Orissa the unusual westing of the winds, which formed a feature of the air motion of the two previous months, became more prominent than hitherto. Thus, in Calcutta, the normal south-east winds were replaced by south-west winds. At Burdwan the mean direction for May 1877 was 27° more westerly than the normal direction, and at Cuttack 26°. This abnormal westerly diversion of the wind, which was, as has been shown, a well-marked feature at the setting in of the local sea winds, hence became intensified as the sea winds of the south-west monsoon were being established.

2nd.—The wind velocity was very considerably below the average, excepting at the two stations of Hazaribagh and Akyab. This diminished air motion was as prominent a feature at Patna and Goalpara as hitherto.

3rd.—The winds in Bengal and Behar were generally of average steadiness. The north-west winds at Hazaribagh blew with unusual steadiness, forming 60 per cent. of the total winds. The delay in the establishment of the south-west monsoon is shown by the small percentage of the winds at Port Blair, only 8 per cent. instead of the average 50 per cent. blowing from the mean direction for the month.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, May.	Mean wind direction, May 1877.	Average daily wind velocity, May.	Average daily wind velocity, May 1877.	Average percentage, May.	Percentage, May 1877.
Vizagapatam	S. 35° W.	S. 37° W.	107·5	66 5	53	52
Bellary	N. 68° W.	N. 59° W.	200·6	186·9	65	45
Bangalore	S. 57° W.	S. 69° W.	122·9	109·7	69	62
Madras	S. 14° E.	S. 17° E.	262·4	243·4	61	64
Poona	N. 61° W.	N. 41° W.	...	...	67	73
Coimbatore	S. 12° W.	S. 7° W.	135·5	128·2	65	56
Trichinopoly	S. 70° W.	S. 30° W.	190·8	172·6	56	37
Negapatam	S. 20° E.	S. 9° E.	173·1	134·3	71	62
Madura	S. 41° W.	S. 5° E.	73·1	87·2	56	79

The variations from the mean air motion were much less prominent in Southern than in Northern India, and were—

1st.—In the more southern districts the mean direction for the month is almost due south, thus presenting the same characteristic as Port Blair.

2nd.—The wind velocity was below the average at all stations, except Madura. Vizagapatam was, as heretofore, distinguished by more than average decreased air motion.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, May.	Mean wind direction, May 1877.	Average daily wind velocity, May.	Average daily wind velocity, May 1877.	Average percentage, May.	Percentage, May 1877.
Ajmere	S. 59° W.	S. 82° W.	...	141·5	66	50
Deesa	S. 46° W.	S. 58° W.	...	...	61	39
Kurrachee	S. 64° W.	S. 62° W	...	462·1	86	91
Bombay	S. 88° W.	N. 76° W.	245·4	270·1	74	74
Akola	N. 55° W.	N. 45° W.	212·1	196·7	75	64
Khandwa	N. 60° W.	N. 66° W.	235·9	208·4	66	68
Hoshangabad	S. 87° W.	S. 89° W.	84·2	113·3	45	40
Nagpur	N. 46° W.	N. 1° W.	148·5	146·6	43	12
Sambalpur	S. 50° W.	S. 89° W.	...	92·3	39	43
Raipur	N. 73° W.	S. 24° E.	144·4	167·3	40	21

The variations in the air motion of Bombay and Central India were comparatively small. The winds were generally somewhat below their average strength. At Nagpur the north-westerly winds were replaced by northerly winds. There was considerable variation in the winds at that station, 12 per cent. instead of the normal 43 per cent. blowing from the mean direction.

June.—The normal distribution of the winds in June presents several interesting features. The change from the local sea winds of the dry hot weather to the general sea winds of the south-west monsoon occurs during this month. This very considerable change is necessarily a slow and gradual process. It often, if not always, takes place after several oscillations between the two extremes. The mean wind directions for the various stations show that the change is thoroughly effected over the whole of the Peninsula proper before the end of the month. The great unsteadiness of the winds in the North-Western Provinces and the Punjab indicate that the monsoon current is, as a rule, not established there until nearly the end of the month of June, or the beginning of July.

The following table indicates the variability and want of steadiness of the winds in the Upper Provinces at this period :—

	Percentage.		Percentage.
Rawalpindi ...	... 2	Agra ...	... 24
Lahore ...	... 10	Lucknow ...	... 9
Delhi ...	... 40	Jhansi ...	... 20
Roorkee ...	... 13	Allahabad ...	... 13
Bareilly ...	... 22	Benares ...	... 2

The wind directions suggest that during this period, whilst the current across the Bombay coast is establishing itself over Central India and Rajputana, the Bay of Bengal current tends to thin off as it advances westwards along the base of the Himalaya mountains. This is shown by the fact that south-east winds prevail along the base of the hills, whilst farther south the dry north-westerly winds of previous months continue over the central area of the Gangetic valley. The existence of these two parallel currents is shown by the following table of the mean wind directions for the month at the chief stations in the North-Western Provinces :—

Roorkee ...	... S. 18° E.	Meerut ...	... N. 4° W.
Bareilly ...	... S. 83° E.	Delhi ...	... N. 48° W.
Lucknow ...	... S. 31° E.	Agra ...	... N. 54° W.
Gorakhpur ...	... S. 78° E.	Allahabad ...	... N. 23° W.
	Benares ...	... N. 49° W.	

When the wind motion of the Behar stations is also taken into consideration, it would appear as if the opposing sea and land winds gave a feeble cyclonic motion over the whole of the Gangetic valley west of Behar. It may also be noticed that the interaction of the two winds is also shown by the unusual variability of the winds in the intermediate region.

Mean wind percentage, June.

Region of the Bombay monsoon current.		Intermediate region.		Region of the Bay of Bengal monsoon current.	
Jubbulpore ...	... 29	Delhi ...	... 11	Patna ...	... 37
Jhansi ...	... 33	Agra ...	... 19	Gorakhpur ...	... 60
Ajmere ...	... 65	Allahabad ...	... 4	Bareilly ...	... 33
Sambalpur ...	... 33	Benares ...	... 10	Lucknow ...	... 26
Hoshangabad ...	... 71			Roorkee ...	... 33
Akola ...	... 85			Calcutta ...	... 65
Bombay ...	... 92			Berhampore ...	... 53
				False Point ...	... 66

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, June.	Mean wind direction, June 1877.	Average daily wind velocity, June.	Average daily wind velocity, June 187	Average percentage, June.	Percentage, June 1877.
Rawalpindi	S. 3° E.	S. 17° W.	60·7	48·4	2	11
Lahore	N. 25° W.	N. 29° W.	95·4	62·3	10	17
Roorkee	S. 18° E.	S. 22° E.	106·9	105·1	13	17
Delhi	N. 48° W.	N. 34° W.	119·5	112·9	40	35
Bareilly	S. 83° E.	N. 81° W.	107·4	121·4	22	7
Agra	N. 54° W.	N. 67° W.	134·2	147·7	24	47
Lucknow	S. 31° E.	N. 42° E.	101·1	101·0	9	10
Allahabad	N. 23° W.	N. 10° E.	71·9	66·1	13	29
Gorakhpur	S. 78° W.	S. 68° E.	...	...	56	49
Benares	N. 49° W.	N. 24° W	115·9	128·3	2	12
Jhansi	S. 80° W.	N. 44° E..	...	...	20	14
Jubbulpore	S. 81° W.	N. 74° W.	143·8	139·2	62	53

The following were the more important features in the air motion of the month of June 1877 in Upper India:—

North-westerly winds continued at the majority of the stations throughout the month. The mean wind direction at Gorakhpur, Lucknow, Agra, Allahabad, and Benares indicate that the area of cyclonic motion, due to the interaction of the land and sea winds, was pushed forward to the eastern districts of the North-Western Provinces during the month. The wind velocity at the stations in the North-Western Provinces was now slightly above the average. The air motion in the Punjab was very considerably in defect.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, June.	Mean wind direction, June 1877.	Average daily wind velocity, June.	Average daily wind velocity, June 1877.	Average percentage, June.	Percentage, June 1877.
Patna	N. 68° E.	S. 86° E.	94·8	56·0	42	76
Hazaribagh	S. 30° W.	N. 50° W.	212·9	197·3	22	30
Purneah	...	S. 86° E.	...	98·8	...	82
Goalpara	S. 76° E.	S. 80° E.	122·2	75·5	29	13
Sibsagar	N. 89° E.	S. 84° E.	75·2	78·3	9	5
Dacca	S. 19° E.	S. 22° E.	186·3	131·5	74	65
Burdwan	S. 16° E.	S. 41° E.	124·5	108·5	58	47
Calcutta	S. 4° E.	S. 6° W.	185·2	136·3	59	84
Chittagong	S. 30° E.	S. 19° W.	181·1	150·8	54	53
Saugor Island	S. 21° E.	S. 17° W.	325·5	330·2	68	70
Akyab	S. 2° E.	S. 9° E.	95·9	114·9	58	59
Port Blair	S. 36° W.	S. 61° W.	...	...	81	84
Cuttack	S. 28° W.	S. 27° W.	114·3	107·1	57	54
Nancowry	S. 54° W.	S. 57° W.	277·7	282·5	90	93

1st.—The north-west hot winds of the Upper Provinces were continued during the month across the Hazaribagh highlands. The wind returns of Nancowry and Port Blair indicate that over the sea area the southerly winds were diverted more to the west than usual. The evidence of this westerly diversion in Bengal is less strong than during the previous months. It is, however, very marked in the case of Calcutta and Chittagong. At these two stations the usual easterly component was replaced by a westerly component.

2nd.—The wind velocity was slightly less than usual in Bengal. It was normal in amount in the Bay, as judged from the Port Blair and Nancowry returns. The air motion at Akyab was of greater intensity than usual, a daily average of 115 miles being recorded instead of the normal amount, 96 miles. Patna and Goalpara were, as during the preceding months, characterized by unusually diminished wind velocity.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, June.	Mean wind direction, June 1877.	Average daily wind velocity, June.	Average daily wind velocity, June 1877.	Average percentage, June.	Percentage, June 1877.
Ajmere	S. 58° W.	N. 86° W.	...	195·4	67	71
Deesa	S. 53° W.	S. 10° W.	...	...	66	56
Kurrachee	S. 75° W.	N. 81° W.	...	473·3	85	94
Bombay	S. 58° W.	S. 66° W.	414·3	352·6	61	55
Akola	N. 73° W.	N. 45° W.	197·2	195·2	76	80
Khandwa	N. 72° W.	N. 73° W.	247·7	227·8	65	86
Hoshangabad	N. 88° W.	S. 85° W.	99·5	153·5	66	67
Nagpur	N. 76° W.	N. 85° W.	162 9	183·1	53	55
Sambalpur	S. 46° W.	N. 88° W.	...	114·4	38	67
Raipur	S. 71° W.	S. 71° W.	162·9	215·7	71	35

The following are the most important features in the anemometry of Western India for the month:—

1st.—The wind observations in Western India show the same northerly tendency of the winds which forms so prominent a feature in the anemometry of the year in the Upper Provinces. It is very distinctly shown by the mean wind directions of Ajmere and Kurrachee, where the normal southerly component is replaced by an abnormal northerly element. The southerly element in the mean wind direction of Bombay and Deesa is much weaker than usual, and indicates the same diversion of the wind direction towards the north.

2nd.—North-west dry winds of much greater strength than usual prevailed at Nagpur and Sambalpur. The wind velocity at Bombay, on the other hand, was nearly 15 per cent. below the average amount. This and the low percentage (55) indicate the weakness of the Arabian Sea monsoon current.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, June.	Mean wind direction, June 1877.	Average daily wind velocity, June.	Average daily wind velocity, June 1877.	Average percentage, June.	Percentage, June 1877.
Vizagapatam	S. 58° W.	S. 85° W.	111·8	78·0	57	61
Bellary	S. 88° W.	W.	231·8	249·3	80	79
Bangalore	S. 56° W.	S. 65° W.	212·7	212·2	88	81
Madras	S. 39° W.	S. 24° W.	256·1	223·1	52	75
Poona	S. 89° W.	N. 85° W.	...	...	72	70
Coimbatore	S. 41° W.	S. 41° W.	210·4	203·7	77	69
Trichinopoly	S. 85° W.	S. 80° W.	279·3	270·2	84	83
Negapatam	S. 38° W.	S. 35° W.	194·2	193·4	86	89
Madura	N. 89° W.	N. 83° W.	107·8	167·4	81	86

1st.—The wind motion in the Deccan and Madras was very nearly normal. The variations from the mean direction, mean velocity, and percentage giving wind steadiness at the stations in Southern India are in no case considerable.

2nd.—The winds at Madras, although not so intense, were more steady than usual. At Vizagapatam the abnormally small air motion continued to be a prominent feature. The wind velocity of the west coast stations of Ceylon indicate the same fact as the wind observations at Port Blair and Nancowry, *viz.*, that, at the entrance to the Bay, the current was of normal strength in the lowest atmospheric strata.

3rd.—It may also be noticed that the mean direction at the Deccan stations was more directly from the west than usual.

July.—The air motion over the whole of Bombay, the Deccan, and Southern India in July shows the direct influence of the south-west monsoon, which is in normal years thoroughly established in this month. The winds in the extreme south are generally south-west. Farther north, in the Deccan and Central India and the Central Provinces, they vary between west and west-south-west.

The wind directions at the Arakan, Orissa, Bengal, and Behar stations show most distinctly the gradual deflection of the current from south-west through south to almost due east up the Gangetic valley.

A new feature now begins to be developed in the Gangetic valley. The discussion of the air motion of March, April, May, and June has shown that the interaction of the opposing land and sea winds gives rise to a cyclonic or eddying motion of the atmosphere in the intermediate area. Thus, when the sea winds set in, this eddy begins to be developed in Central and Northern Bengal. With the increasing intensity of the sea winds during the next two months, the atmospheric eddy travels slowly westwards, and is in Central Behar in the month of May. The change in the character of the sea winds in June, and their development from shallow local winds to deep general winds, causes the eddy to be rapidly transferred to the North-Western Provinces. With the complete establishment of the monsoon, and therefore of the two monsoon currents, the interaction or interference of opposing currents continues over the area of the North-Western Provinces; although it changes in character, in consequence of the change in the wind distribution of Northern India. Instead of being an interaction, due to opposing land and sea winds, the interaction of the two monsoon currents now takes its place. That portion of the monsoon current which advances across the Deccan and up the Bay of Bengal to the coast of Arakan and Bengal is gradually deflected in Bengal, Orissa, and Behar, and then progresses westwards along the base of the Himalayas. That portion of the monsoon current which advances up the river valleys of the Narbada and Tapti and across Rajputana meets the Gangetic valley current at a considerable angle. It is almost evident, from the analogous conditions and phenomena of water motion, that a more or less regular eddying motion must be set up over the area of interference and interaction of the two currents. The inference from analogy is confirmed by an examination of the mean wind returns of the stations in this area. This interaction or eddying motion occurs apparently over the southern dis-

tricts of the Gangetic valley to the west of Behar. It gives rise to ill-defined eddying atmospheric action over the whole of this area.

Thus, in the eastern divisions of the North-Western Provinces, the mean wind directions of Benares, Gorakhpur, and Allahabad indicate the marked tendency to eddying motion over this portion of the province:

	Mean wind direction, July.		Mean wind direction, July
Benares	S. 15° E.	Gorakhpur	S. 77° E.
Allahabad	N. 33° E.		

Again, in the central districts of Oudh and the North-Western Provinces, the wind directions of Jhansi, Lucknow, Bareilly, and Agra indicate the tendency towards an eddy in this portion of the Gangetic valley:

	Mean wind direction, July.		Mean wind direction, July.
Jhansi	S. 67° W.	Bareilly	S. 66° E.
Lucknow	S. 52° E.	Agra	N. 55° E.

Finally, in the western districts the same tendency appears, though in a less strongly marked manner:

	Mean wind direction, July.		Mean wind direction, July.
Roorkee	S. 40° E.	Meerut	N. 68° E.
Delhi	N. 87° W.		

The eddying motion is further indicated by the extreme irregularity and unsteadiness of the winds at Benares, Allahabad, Agra, and Delhi situated in the area of interference. This is illustrated by the following comparative return:

Stations.	Mean wind percentage, July.	Stations.	Mean wind percentage, July.	Stations.	Mean wind percentage, July.
Nagpur	68	Benares	10	Patna	37
Jubbulpore	29	Allahabad	4	Gorakhpur	60
Ajmere	65	Agra	19	Bareilly	33
Bombay	92	Delhi	11	Roorkee	33

It is probable that these atmospheric eddies, the existence of which are indicated with considerable clearness by the wind observations, depend for their extent and intensity upon the relative strength of the two currents; and hence that their determination from the average wind direction to a certain extent conceals their real meaning and their importance when the monsoon currents are strong. Probably, it will be found that they explain to a very considerable extent many of the irregularities of rainfall in Upper India. They seem, for example, to give an adequate explanation for the relatively heavier rainfall of the eastern districts of Oudh and the North-Western Provinces, as compared with Behar.

The existence of these eddies evidently determine the region of interference of the two currents. They serve, therefore, also to demarcate the areas over which each current holds undisputed sway.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, July.	Mean wind direction, July 1877.	Average daily wind velocity, July.	Average daily wind velocity, July 1877.	Average percentage, July.	Percentage, July 1877.
Rawalpindi	E.	S. 38° E.	47·9	41·0	34	21
Lahore	S. 68° E.	S. 59° W.	92·2	52·3	38	22
Roorkee	S. 40° E.	N. 61° W.	78·0	91·1	33	25
Delhi	N. 87° W.	N. 42° W.	129·9	159·7	11	60
Bareilly	S. 66° E.	N. 59° W.	78·8	121·2	33	33
Agra	N. 55° E.	S. 81° W.	116·8	139·0	19	43
Lucknow	S. 52° E.	N. 74° W.	105·5	117·0	26	27
Allahabad	N. 33° E.	S. 89° W.	106·9	109·2	4	38
Gorakhpur	S. 77° E.	S. 3° W.	...	...	60	7
Benares	S. 15° E.	S. 70° W.	114·8	141·4	10	46
Jhansi	S. 67° W.	S. 44° W.	...	...	33	47
Jubbulpore	S. 77° W.	N. 79° W.	133·6	137·4	29	83

The wind observations in the Upper Provinces for July 1877 show—

1st.—The continuance of dry hot westerly or north-westerly winds during the month, instead of the easterly winds of the south-west monsoon.

2nd.—With the exception of Lahore, the wind velocity returns show increased air motion, similar in amount to that which prevails during the hot weather months of April and May. The increased intensity of the winds was most marked at Bareilly.

3rd.—The winds were unusually steady. The southern half of the North-Western Provinces is in normal years an area of variable winds, due to the interaction of the currents from the opposite coasts of India. This was not the case in July 1877. Thus the percentage was 38 instead of 4 at Allahabad, 43 instead of 19 at Agra, and 60 instead of 11 at Delhi.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, July.	Mean wind direction, July 1877.	Average daily wind velocity, July.	Average daily wind velocity, July 1877.	Average percentage, July.	Percentage, July 1877.
Patna	N. 82° E.	N. 81° E	85·9	35·0	37	15
Hazaribagh	S. 13° E.	N. 74° W.	261·2	249·0	18	52
Purneah	...	S. 60° E.	...	75·7	...	25
Goalpara	S. 55° E.	S. 63° E.	95·7	77·2	28	19
Sibsagar	S. 34° W.	S. 33° W.	82·8	85·2	12	25
Dacca	S. 21° E.	S. 18° E.	188·4	171·4	80	80
Burdwan	S. 21° E.	S. 32° W.	121·1	103·0	47	38
Berhampore	S. 44° E.	S. 19° W.	122·9	127·3	53	31
Calcutta	S. 11° E.	S. 16° W.	153·4	129·6	65	73
Chittagong	S. 42° E.	S. 3° E.	183·1	187·2	63	62
Saugor Island	S. 29° W.	S. 35° W.	306·8	313·8	61	74
Akyab	S. 6° E.	S. 8° W.	86·1	92·8	69	52
Port Blair	S. 43° W.	S. 62° W.	296·3	...	91	93
Cuttack	S. 42° W.	S. 55° W.	94·0	106·2	55	73
Nancowry	S. 52° W.	S. 52° W.	293·5	302·8	95	96

The following are the more important features of the atmospheric motion in this portion of India for the month of July 1877:—

1st.—The easterly current up the Gangetic valley penetrated as far as Patna and the western borders of Behar. In Chutia Nagpur the continuation and prolongation of the dry north-westerly winds from the North-Western Provinces gave strong abnormal westerly winds to Hazaribagh.

2nd.—The wind observations at Nancowry seem to show that in the south of the Bay the current was normal in strength.

3rd.—Farther north the current was steadily deflected considerably more to the east than usual. This is shown by the Port Blair and Akyab returns, and also by the wind directions at the stations in Orissa and Western Bengal: thus at Burdwan the wind direction was 53° more west than usual; at Calcutta 27°, at Saugor Island 6°, and at Chittagong 39° less east, and therefore more west than usual. Consequently, at the commencement of the monsoon, the current was strongly and markedly diverted to the east, and hence blew more vigorously and directly into Burma and Arakan and Eastern Bengal than in normal years.

4th.—The low wind velocity at Patna, and the very unusual variability of wind at that station and at Gorakhpur on the border line, separating that portion of the Gangetic valley influenced by the Bay of Bengal monsoon current and that part over which the dry westerly winds were still in possession, is very characteristic.

Stations.	Direction.		Velocity.		Average percentage, July.	Percentage, July 1877.
	Mean wind direction, July.	Mean wind direction, July 1877.	Average daily wind velocity, July.	Average daily wind velocity, July 1877.		
Ajmere	S. 58° W.	S. 66° W.	...	186·5	65	80
Deesa	S. 38° W.	S. 21° W.	...	...	79	81
Kurrachee	S. 62° W.	S. 56° W.	...	537·7	89	93
Bombay	S. 75° W.	S. 75° W.	485·3	448·5	92	93
Akola	N. 87° W.	N. 61° W.	199·3	230·4	85	86
Khandwa	N. 75° W.	N. 83° W.	235·8	258·3	79	88
Hoshangabad	S. 73° W.	N. 89° W.	96·5	171·5	71	92
Nagpur	N. 89° W.	N. 76° W.	173·9	185·6	68	77
Sambalpur	S. 35° W.	N. 89° W.	...	100·2	33	80
Raipur	S. 69° W.	S. 68° W.	171·9	210·9	81	74

The only important feature in the wind direction in Western India is the presence of a northerly component in the wind directions of Hoshangabad and Sambalpur. The wind velocity was considerably above the average at all stations in the Berars and Central Provinces. The winds were also, almost without exception, steadier than usual.

Stations.	Direction.		Velocity		Steadiness.	
	Mean wind direction, July.	Mean wind direction, July 1877.	Average daily wind velocity, July.	Average daily wind velocity, July 1877.	Average percentage, July.	Percentage, July 1877.
Vizagapatam	S. 73° W.	S. 89° W.	109·9	36·7	70	58
Bellary	N. 84° W.	N. 72° W.	281·2	284·6	89	88
Bangalore	S. 59° W.	S. 78° W.	229·0	187·5	92	94
Madras	S. 52° W.	S. 22° W.	249·1	222·0	63	84
Poona	S. 84° W.	N. 82° W.	...	...	85	83
Coimbatore	S. 40° W.	S. 26° W.	232·1	219·3	80	88
Trichinopoly	N. 85° W.	S. 89° W.	337·6	285·3	90	88
Negapatam	S. 47° W.	S. 49° W.	192·3	152·6	86	83
Madura	N. 74° W.	N. 73° W.	99·4	112·7	90	90

The variations in Southern India were marked by greater irregularity than in Northern India. The winds were generally below average strength. This was very marked at Vizagapatam, where the wind velocity was barely one-third of its normal amount. The winds were of average steadiness.

August.—The wind velocities at all the coast stations (with the exception of Nancowry) indicate slightly diminished velocity during this month, as compared with July. With the exception of this one feature of slightly diminished velocity, the character of the lower air motion over India in August is almost identical with that of July. Hence the south-west monsoon current, as measured by the force of the winds, begins to diminish in intensity from the month of August.

The wind direction over the Peninsula is almost due west. There is a decided southerly element at stations south of Bellary. At the head of the Peninsula, in Central India and the Central Provinces, the deviation from the westerly direction, whether northerly or southerly, is generally small in amount, and appears to be determined mainly by the configuration of the country. As might naturally be expected, the deviation from the westerly direction is slightly more pronounced in August than in July.

The wind directions at the stations in Arakan, Bengal, Chutia Nagpur, and Behar (which are south-west at Saugor Island, south-east at Berhampore, and almost due east at Patna) indicate the deflection of a portion of the Bay of Bengal monsoon current up the Gangetic valley.

The following features of the two currents are as strongly marked in August as in July:—

1st.—The marked difference in the intensity of the two currents. This is shown by the following:—

	Average daily wind velocity, August.		Average daily wind velocity, August.
Kurrachee	497·8	Saugor Island	251·0
Bombay	408·3	Calcutta	123·4
Belgaum	213·3	Chittagong	151·4
Bangalore	219·0	Dacca	147·9
Akola	189·5	Patna	80·4
Nagpur	131·9	Allahabad	91·6
Jubbulpore	127·5	Roorkee	65·5

The effect of the deflection of the Bay of Bengal monsoon current in diminishing its velocity is thus very marked.

2nd.—The fact that the two currents meet more or less at an angle. The area of interference or of aërial mingling is defined roughly by the valley of the Jumna. This is shown, as in the previous month, in two ways:—*first*, by the tendency to the formation of eddies, as indicated by the wind directions at neighbouring stations; *secondly*, by the unusually small percentage defining the wind percentage at the stations in the area of interference.

One very marked eddy includes Allahabad, Benares, and South-Western Oudh. The following gives the mean wind directions at the stations included in this area:—

Allahabad	N. 72° W.	Benares	S. 3° E.
Gorakhpur	S. 74° E.		

Again, the percentage as contrasted with that at neighbouring stations within the region of steady monsoon winds is shown by the following :—

Patna	28	Hazaribagh	13
Jubbulpore	69	Allahabad	7
Gorakhpur	35	Benares	10

Thus, at Allahabad only 7 per cent. of the winds come from the mean direction, whilst at the neighbouring station of Jubbulpore 69 per cent. are from the mean direction. The contrast between Gorakhpur and Benares is almost equally marked. The same facts of irregular and eddying motion are also indicated by the wind returns of the more westerly stations in the Gangetic valley—

Jhansi	S. 79° W.	Meerut	N. 36° E.
Lucknow	S. 12° E.	Delhi	N. 39° W.
Bareilly	S. 64° E.	Agra	S. 25° E.

and by the average wind percentage—

Agra	6	Meerut	13
Bareilly	19	Roorkee	23
Lucknow	16	Ajmere	58
Jhansi	23	Delhi	24

Contrasted with Western India generally, the wind directions over the area are very variable, Agra being the centre of variable winds in the upper districts of the North-Western Provinces.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, August.	Mean wind direction, August 1877.	Average daily wind velocity, August.	Average daily wind velocity, August 1877.	Average percentage, August.	Percentage, August 1877.
Rawalpindi	S. 78° E.	S. 1° E.	32·8	35·0	22	17
Lahore	S. 72° E.	S. 54° W.	38·2	66·1	39	26
Roorkee	S. 34° E.	S. 36° E.	65·5	84·8	23	8
Delhi	N. 39° W.	N. 41° W.	119·4	132·9	24	47
Bareilly	S. 64° E.	N. 37° W.	75·9	75·6	19	4
Agra	S. 25° E.	S. 78° W.	106·5	...	6	23
Lucknow	S. 12° E.	S. 85° E.	66·7	102·0	16	11
Allahabad	N. 72° W.	N. 40° W.	91·6	113·6	7	6
Gorakhpur	S. 74° E.	S. 52° E.	...	...	35	50
Benares	S. 3° E.	S. 77° E.	99·5	98·2	10	21
Jhansi	S. 79° W.	S. 45° W.	...	...	23	25
Jubbulpore	S. 83° W.	N. 74° W.	127·5	166·1	69	75

The following are the chief features of the air motion in Upper India during August 1877 :—

1st.—Westerly or north-westerly winds prevailed at the great majority of stations. The monsoon current up the Gangetic valley prevailed over the extreme eastern

districts of the North-Western Provinces, and gradually thinned off westwards along the Himalayas. Thus, Lucknow had a preponderance of easterly over westerly winds, whilst the opposite was the case at Agra. Similarly Roorkee, immediately under the foot of the hills, had normal south-east winds, whilst Bareilly, at a considerably greater distance from the hills, had north-west instead of south-east winds.

2nd.—The wind velocity was generally above the average. This was very marked at Delhi, Lucknow, Allahabad, and probably Agra.

3rd.—The winds were much steadier than usual over the area in which the abnormal north-westerly winds prevailed. Over the border area between the two currents the winds were singularly variable. This is very clearly shown by the low percentage of Roorkee, Bareilly, Allahabad, as contrasted with the neighbouring stations of Delhi, Lucknow, Agra, Gorakhpur, and Benares.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, August.	Mean wind direction, August 1877.	Average daily wind velocity, August.	Average daily wind velocity, August 1877.	Average percentage, August.	Percentage, August 1877.
Patna	S. 67° E.	N. 88° E.	80·4	42·0	28	58
Hazaribagh	S. 41° W.	N. 7° E.	174·5	202·7	13	24
Purneah	...	S. 83° E.	...	...	...	59
Goalpara	S. 9° E.	S. 60° E.	95·5	75·0	18	32
Sibsagar	N. 6° E.	N. 18° W.	77·4	77·4	5	6
Dacca	S. 16° E.	S. 30° E.	147·9	146·0	70	59
Burdwan	S. 40° E.	S. 60° E.	96·2	95·8	47	35
Calcutta	S. 17° E.	S. 15° E.	123·0	113·0	57	52
Chittagong	S. 31° E.	S. 3° E.	151·4	162·4	51	49
Saugor Island	S. 27° W.	S. 34° W.	251·0	290·4	51	47
Akyab	S. 2° E.	S. 13° W.	77·2	108·3	60	53
Port Blair	S. 43° W.	S. 60° W.	255·6	...	82	86
Cuttack	S. 48° W.	S. 65° W.	74·2	96·1	46	72
Nancowry	S. 53° W.	S. 52° W.	297·2	331·1	94	96

The wind returns of the Lower Provinces and Arakan for August present the following features :—

1st.—The mean wind directions of the great majority of the stations indicate the continuous diversion of the Bay of Bengal monsoon current to the east. Thus, the mean wind direction of Port Blair was 17° more to the west than usual; that of Akyab 15° more to the west, that of Saugor Island 7°, that of Cuttack 17°, that of Chittagong 28° less to the east or more to the west; and that of Calcutta 2° less to the east.

The unusual wind directions of Patna and Hazaribagh appear to show the recurving of a part of the monsoon current in Behar, due probably to its interference with the westerly current of the Upper Gangetic valley.

2nd.—The wind velocity varied generally by small amounts from the average. The wind returns of Nancowry, Akyab, and Chittagong show that in the east of the Bay, and along the Arakan coast, the current blew with unusual strength. The wind velocity at Patna was again very considerably below the average.

3rd.—The winds were slightly more variable than usual in Bengal. The south-west winds in the south-east of the Bay were very steady. At Patna and Hazaribagh the abnormal winds of the months were unusually steady.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, August.	Mean wind direction, August 1877.	Average daily wind velocity, August.	Average daily wind velocity, August 1877.	Average percentage, August.	Percentage, August 1877.
Ajmere	S. 63° W.	N. 87° W.	...	180·2	58	72
Dêesa	S. 44° W.	S. 37° W.	...	...	78	77
Kurrachee	S. 63° W.	S. 61° W.	...	497·8	91	92
Bombay	S. 83° W.	S. 88° W.	408·3	352·9	85	81
Akola	N. 78° W.	N. 51° W.	189·5	257·5	90	93
Khandwa	N. 77° W.	N. 83° W.	202·9	218·1	75	94
Hoshangabad	S. 74° W.	S. 83° W.	79·9	130·7	67	78
Nagpur	N. 75° W.	N. 62° W.	131·9	145·7	64	79
Sambalpur	S. 55° W.	S. 85° W.	...	110·8	46	75
Raipur	S. 77° W.	S. 68° W.	139·7	209·0	66	68

The variations from the mean wind direction in Western India for August were not very large in amount, and were different for adjacent stations. The winds in Western as well as Southern India would thus appear to have been more irregular than usual, and present no large general deviation. The wind velocity was below the average in Bombay, but in the Berars, the Central Provinces, and Western Orissa it was excessive, as in previous months. The winds were characterized during this month by unusual steadiness.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, August.	Mean wind direction, August 1877.	Average daily wind velocity, August.	Average daily wind velocity, August 1877.	Average percentage, August.	Percentage, August 1877.
Vizagapatam	S. 72° W.	N. 77° W.	84·6	46·5	58	67
Bellary	N. 78° W.	N. 72° W.	267·0	298·5	90	91
Bangalore	S. 74° W.	S. 82° W.	219·0	259·9	91	94
Madras	S. 47° W.	S. 23° W.	210·8	219·5	52	79
Poona	N. 89 W.	N. 78° W.	...	...	81	77
Coimbatore	S. 31° W.	S. 41° W.	204·5	219·8	82	89
Trichinopoly	N. 88° W.	S. 86° W.	320·2	337·6	86	86
Negapatam	N. 44° W.	S. 42° W.	131·7	192·3	85	86
Madura	N. 70° W.	N. 69° W.	154·4	99·4	89	89

As in Western India, the deviations from the mean wind directions present no general feature. Greater irregularity than usual appears to have been the characteristic of the air motion of this part of India. The wind velocity was generally above the average, whilst the winds were of normal steadiness. Vizagapatam and Madura, however, form two marked exceptions, both being distinguished by diminished air motion.

September.—The mean air motion over India in September is nearly identical in general character with what it is during the preceding two months. The wind directions in Southern India and the Deccan differ by very small amounts from the directions which obtain in July and August. In the Central Provinces a northerly element, which forms a predominant feature at all stations in this portion of India, appears to be the first indication of the gradual weakening of the south-west monsoon current and its retreat southwards.

The following table, giving the average wind velocity at typical stations in India, illustrates clearly the comparative weakness of the monsoon current over the land area of India during this month:

Stations.	Average daily wind velocity.		
	July.	August.	September.
Bombay	485·3	408·3	282·3
Kurrachee	537·7	497·8	400·9
Belgaum	212·3	213·3	104·4
Nagpur	173·9	131·9	106·7
Jubbulpore	133·6	127·5	89·4
Port Blair	296·3	255·6	250·8
Saugor Island	306·8	251·0	228·1
Calcutta	153·4	123·4	119·8
Chittagong	183·1	151·4	119·6
Dacca	188·4	147·9	117·7
Patna	85·9	80·4	77·5
Lucknow	105·3	66·7	69·7
Bareilly	78·8	75·9	71·6
Roorkee	78·0	65·5	58·8

The tendency to the formation of feeble atmospheric eddies by the interaction of the two currents is strongly indicated by the mean wind returns of September.

Thus, in the eastern districts of the North-Western Provinces the mean wind directions at the three observing stations are—

Benares ...	S. 59° E.	Gorakhpur	S. 80° E.
Allahabad		... ...	N. 10° W.

The extreme variability of the winds over the area of interaction is illustrated by the following table of wind percentages:—

Jubbulpore	39	Allahabad	10
Hazaribagh	22	Benares	5
Patna	37	Gorakhpur	36

The eddy in the central and western districts of the North-Western Provinces is more distinctly marked during this month than hitherto. This is apparently due to the fact that the monsoon current gradually weakens and fails to penetrate to the Punjab during the middle or latter part of the month.

The following table of mean wind directions shows distinctly the eddying motion of the air in this area:—

Lucknow ...	... S. 72° E.	Delhi ...	... N. 6° W.
Bareilly ...	... N. 81° E.	Agra ...	... N. 23° W.
Meerut ...	... N. 4° E.	Jhansi ...	... N. 52° W.

The following table contrasts the variability of the wind at the reporting stations over this area of eddying motion:—

Lucknow... ...	... 10	Delhi	... 22
Bareilly	... 15	Agra	... 14
Meerut	... 22	Jhansi	... 28

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, September.	Mean wind direction, September 1877.	Average daily wind velocity, September.	Average daily wind velocity, September 1877.	Average percentage, September.	Percentage, September 1877.
Rawalpindi	S. 55° E.	S. 17° E.	31·2	41·9	12	20
Lahore	N. 81° E.	N. 83° W.	67·0	49·6	19	18
Roorkee	S.	N. 49° W.	58·8	79·3	9	29
Delhi	N. 6° W.	N. 28° W.	112·0	115·2	22	61
Bareilly	N. 81° E.	N. 69° W.	71·6	83·4	15	24
Agra	N. 23° W.	S. 81° W.	86·2	...	14	44
Lucknow	S. 72° E.	N. 57° W.	69·7	87·0	10	38
Allahabad	N. 10° W.	S. 89° W.	70·1	74·6	10	34
Gorakhpur	S. 80° E.	S. 20° E.	...	...	36	31
Benares	S. 59° E.	S. 85° W.	86·9	91·1	5	45
Jhansi	N. 52° W.	S. 76° W.	...	...	28	39
Jubbulpore	N. 80° W.	N. 86° W.	89·4	91·6	39	47

The wind returns of Upper India for the month of September 1877 indicate, first of all, an unusual steadiness of direction. This was primarily due to the persistence of the dry land winds down the Gangetic valley. The persistence of the westerly winds is shown by all stations from Lahore eastwards to Benares. At Jhansi, Allahabad, and Agra the northerly component due to the eddying motion, which usually obtains in the Gangetic Doab during the rainy season, was replaced by a feeble southerly component.

The abnormal westerly dry winds of the month in Upper India show a greater velocity than the normal easterly winds. This was most marked at the Sub-Himalayan

station of Roorkee and at Lucknow. Lahore is the only station in this area where the wind velocity was considerably below the average.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, September.	Mean wind direction, September 1877.	Average daily wind velocity, September.	Average daily wind velocity, September 1877.	Average percentage, September.	Percentage, September 1877.
Patna	S. 84° E.	N. 88° E.	77·5	29·2	39	55
Hazaribagh	S. 57° E.	N. 82° W.	163·5	194·7	22	36
Purneah	S. 77° E.	S. 87° E.	...	73·1	43	50
Goalpara	S. 68° E.	S. 55° E.	92·2	69·3	22	18
Sibsagar	N. 67° E.	N. 67° E.	68·1	68·2	13	37
Dacca	S. 78° E.	S. 5° E.	117·7	132·8	57	58
Burdwan	S. 16° E.	S. 2° E.	86·4	101·4	42	66
Calcutta	S. 27° E.	S. 5° E.	119·8	116·1	43	86
Chittagong	S. 27° E.	S. 10° W.	119·6	132·8	32	43
Saugor Island	S. 8° W.	S. 5° W.	228·1	270·4	53	68
False Point	S. 32° W.	S. 24° W.	...	...	39	41
Akyab	S. 7° E.	S. 16° W.	71·9	91·1	39	42
Port Blair	S. 40° W.	S. 54° W.	250·8	...	71	56
Nancowry	S. 55° W.	S. 48° W.	237·4	128·9	80	56
Cuttack	S. 7° W.	S. 26° W.	67·2	79·8	21	17

The leading features of the mean air motion in the Lower Provinces for the month of September are as follows :—

1st.—The diversion of the current at the head of the Bay and in Bengal towards the east. This is shown by the normal easterly element of the mean directions at Akyab and Chittagong being absent, and replaced by a westerly component. It is also indicated by the unusually feeble easterly component of the mean wind directions at the Bengal stations, Calcutta, Dacca, and Burdwan. At Hazaribagh the north-westerly winds which prevailed during the month indicate the continuance of the dry hot land winds of Upper India across the high lands and plateau of Chutia Nagpur.

2nd.—The winds in the Lower Provinces were generally considerably steadier than usual. In the south of the Bay the wind returns of Port Blair and Nancowry indicate great unsteadiness and variability of the wind, as compared with normal years. This, taken in conjunction with the diminished wind velocity at Nancowry, appears to indicate that the monsoon current during this month was feeble in character.

3rd.—The wind velocity was generally slightly above the average. At Patna, Goalpara, and Nancowry the winds were unusually feeble during the month. Thus, at Patna they were barely 40 per cent. of their normal intensity.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, September.	Mean wind direction, September 1877.	Average daily wind velocity, September.	Average daily wind velocity, September 1877.	Average percentage, September.	Percentage, September 1877.
Ajmere	S. 72° W.	W.	...	141·9	51	64
Deesa	S. 70° W.	S. 41° W.	...	...	51	32
Kurrachee	S. 65° W.	S. 60° W.	...	400·9	86	88
Bombay	N. 88° W.	N. 73° W.	282·3	258·1	55	38
Akola	N. 79° W.	N. 54° W.	135·8	117·8	74	70
Khandwa	N. 71° W.	N. 60° W.	145·1	114·1	70	64
Hoshangabad	N. 81° W.	?	61·7	91·8	49	?
Nagpur	N. 45° W.	N. 89° W.	106·7	69·0	37	37
Sambalpur	S. 19° W.	N. 77° W.	...	85·7	20	22
Raipur	S 49° W.	N. 45° W.	116·5	97·3	33	23

At all stations in this area for which comparative returns exist, excepting Hoshangabad, the wind velocity was below the average. This was very marked at Nagpur, where it was only two-thirds of its normal amount. The wind percentages at Deesa, Bombay, and Khandwa appear to indicate much less steadiness than usual in the south-west monsoon current during this month. The mean wind directions at Bombay, Akola, and Khandwa present a much stronger northerly component than usual, whilst in Western Orissa, at Sambalpur, and Raipur north-westerly, instead of the normal south-westerly, winds prevailed. These were the continuation of the westerly winds of Upper India, which, as has already been seen, were continued eastwards as far as Hazaribagh.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, September.	Mean wind direction, September 1877.	Average daily wind velocity, September.	Average daily wind velocity, September 1877.	Average percentage, September.	Percentage, September 1877.
Vizagapatam	S. 42° W.	S. 43° W.	61·3	40·5	39	30
Bellary	N. 66° W.	N. 55° W.	?	151·7	74	49
Bangalore	S. 76° W.	S. 80° W.	152·8	123·4	82	73
Madras	S. 31° W.	S. 2° W.	189·6	164·8	47	70
Poona	N. 87° W.	N. 79° W.	...	...	69	52
Coimbatore	S. 28° W.	S. 32° W.	164·2	138·8	72	77
Trichinopoly	S. 88° W.	S. 67° W.	188·2	142·7	75	68
Negapatam	S. 39° W.	S. 32° W.	117·5	87·4	80	78
Madura	N. 64° W.	N. 61° W.	74·7	100·4	86	83

The deviations in the general direction of the air current in Southern India do not present any general well-marked features. The velocity was below the average at

all stations, apparently representing an actual weakness in the south-west monsoon current during the month. Vizagapatam was again marked by unusually small air velocity.

October.—The character of the winds entirely changes during the month of October. It is a month of transition, the south-west monsoon gradually giving place to the north-east monsoon. In Upper India the mean wind directions vary from north to north-west and west-north-west. In the Central Provinces, the Deccan, Orissa, and Bengal they range from north-north-east to east-north-east. In Southern India, Ceylon, and the Nicobars the prevalence of south-west and west winds shows the continuance of the monsoon in this part of the Bay during the month. Over the greater part of India the change of wind direction appears rather to precede than to follow the establishment of a marked baric gradient.

The most important feature in the anemometry of October is, that it is essentially a month of light winds and calms. The contrast between the daily amount of wind during this month and during the rains, and also during the height of the hot winds, is shown by the following:

Stations.	May average daily velocity.	July average daily velocity.	October average daily velocity.
Lahore	97·1	92·2	57·6
Roorkee	93·8	78·0	35·8
Lucknow	100·6	105·5	43·8
Sibsagar	86·6	82·8	43·9
Patna	119·5	85·9	52·8
Calcutta	203·9	153·4	87·4
Dacca	157·9	188·4	59·0
Cuttack	132·8	94·0	52·5
Nagpur	148·5	173·9	85·0
Bombay	245·4	485·3	233·9
Vizagapatam	107·5	109·9	52·7
Bangalore	122·9	229·0	76·3
Madras	262·4	249·1	152·7

The great variability of the wind in October is indicated by the following return:—

	Mean percentage, October.		Mean percentage, October.
Lahore	15	Saugor Island	15
Roorkee	11	Cuttack	26
Lucknow	41	Nagpur	61
Allahabad	19	Bombay	31
Patna	5	Bellary	25
Gya	2	Goa	17
Dacca	4	Vizagapatam	27
Chittagong	13	Madras	7
Calcutta	11	Akyab	12

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, October.	Mean wind direction, October 1877.	Average daily wind velocity, October.	Average daily wind velocity, October 1877.	Average percentage, October.	Percentage, October 1877.
Rawalpindi	S. 63° W.	S. 16° E.	28·1	32·6	20	5
Lahore	N. 1° E.	N. 82° E.	57·6	45·2	15	15
Roorkee	S. 30° E.	S. 17° E.	35·8	50·4	11	21
Delhi	N. 50° W.	N. 22° W.	68·3	60·7	46	28
Bareilly	N. 62° W.	E.	41·0	...	24	8
Agra	N. 85° W.	N. 48° W.	62·8	...	39	48
Lucknow	N. 52° W.	N. 6° W.	43·8	52·0	41	24
Allahabad	N. 58° W.	N. 43° E.	31·9	34·1	19	11
Gorakhpur	N. 83° W.	N. 6° E.	...	...	28	9
Benares	N. 78° W.	S. 77° W.	53·8	50·1	34	33
Jhansi	N. 28° W.	N. 71° W.	...	...	25	17
Jubbulpore	N. 16° W.	N. 76° W.	57·1	61·0	21	9

The wind returns of Upper India for the month of October 1877 are somewhat anomalous.

North-westerly winds usually set in during the month, and give the mean direction at all stations for the month. October 1877, although it followed a rainy season in which the easterly moist winds up the Gangetic valley were almost entirely absent, presents a marked tendency to the prevalence of easterly winds along the base of the Himalayas. The mean wind direction at Roorkee for the month (S. 30° E.) perhaps indicates the tendency in normal years for the easterly current to continue in the immediate neighbourhood of the hills, after it has retreated from the Gangetic Doab. The mean wind directions of Gorakhpur, Bareilly, and Roorkee for October 1877 all contain an easterly component. The wind percentage at Bareilly and Gorakhpur was also unusually small—a characteristic of the October winds at Roorkee in normal years. This apparently indicates a prolonged continuance of the south-west monsoon atmospheric current in the Upper Provinces beyond its normal date of termination. The wind velocity was above the average at the majority of stations. The only marked exception to this was Lahore, where the air motion appears to have been very abnormal throughout the year.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, October.	Mean wind direction, October 1877.	Average daily wind velocity, October.	Average daily wind velocity, October 1877.	Average percentage, October.	Percentage, October 1877.
Patna	N. 33° W.	S. 72° E.	52·8	26·5	5	23
Hazaribagh	N. 47° W.	N. 57° W.	113·7	123·6	38	27
Purneah	N. 49° W.	N. 88° E.	...	38·5	14	8
Goalpara	S. 85° E.	S. 79° E.	82·8	44·9	45	38
Sibsagar	N. 72° E.	N. 87° E.	43·9	41·1	38	56
Dacca	N. 74° E.	S. 39° E.	59·0	53·5	4	15
Burdwan	N. 16° E.	N. 25° E.	54·9	48·8	30	29
Calcutta	N. 48° W.	S. 8° E.	87·4	57·3	11	29
Chittagong	N. 19° W.	S. 14° W.	84·0	62·8	13	7
Saugor Island	N. 11° E.	S. 45° W.	135·5	139·3	15	9
False Point	N. 40° E.	S. 26° E.	...	...	26	11
Akyab	S. 34° E.	S. 43° E.	56·1	61·4	12	15
Port Blair	S. 21° E.	N. 79° W.	158·2	...	22	42
Nuncowry	S. 89° W.	S. 49° W.	153·6	121·2	54	53
Cuttack	N. 30° E.	N. 21° E.	52·5	44·8	26	8

The delay in the retreat of the south-west monsoon already indicated by the wind features of Upper India is strikingly shown by the wind directions at the majority of the

Bengal stations. At Saugor Island, Chittagong, Dacca, and Calcutta the normal northerly element was replaced by a southerly component. South-west winds at Saugor Island, southerly winds (with a feeble easterly element) at Calcutta, and easterly winds at Purneah and Patna, indicate the persistence of the south-west current at the head of the Bay, and its deflection in Bengal to the west along the base of the Himalayas. The winds were, on the whole, less steady than usual. It is, however, always a month of unsteady and local winds. The wind velocity was generally below the average. This was, as hitherto, very marked at Patna and Goalpara. It, however, characterizes all the Bengal stations, with the exception of Saugor Island.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, October.	Mean wind direction, October 1877.	Average daily wind velocity, October.	Average daily wind velocity, October 1877.	Average percentage, October.	Percentage, October 1877.
Ajmere	N. 87° W.	N. 6° E.	...	69·5	27	28
Deesa	S. 39° E.	S. 73° E.	...	...	4	24
Kurrachee	S. 67° W.	S. 69° W.	...	256·9	61	46
Bombay	N. 14° E.	S. 81° E.	233·9	266·1	31	20
Akola	N. 17° E.	N. 57° E.	80·1	91·4	38	24
Khandwa	N. 23° E.	N. 34° E.	80·7	66·3	29	21
Hoshangabad	N. 9° E.	N. 70° E.	46·6	63·3	26	31
Nagpur	N. 36° E.	N. 34° E.	85·0	64·0	61	19
Sambalpur	N. 8° W.	N. 45° W.	...	58·9	35	23
Raipur	N. 33° E.	N. 5° E.	67·7	69·2	41	22

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, October.	Mean wind direction, October 1877.	Average daily wind velocity, October.	Average daily wind velocity, October 1877.	Average percentage, October.	Percentage, October 1877.
Vizagapatam	S. 61° E.	S. 39° E.	52·7	36·9	27	40
Bellary	N. 43° E.	S. 43° E.	105·0	65·5	25	8
Bangalore	N. 7° E.	S. 24° W.	76·3	64·8	5	16
Madras	N. 31° E.	S. 68° E.	152·7	133·1	7	51
Poona	N. 53° E.	S. 41° E.	...	...	26	35
Coimbatore	S. 14° E.	S. 10° W.	78·5	83·9	48	54
Trichinopoly	N. 72° W.	S. 64° W.	103·1	90·4	21	33
Negapatam	S. 31° W.	S. 24° W.	78·0	52·3	27	69
Madura	N. 62° W.	N. 66° W.	65·1	70·0	62	82

The wind directions at the majority of the stations in Western and Southern India indicate the same fact as appears from the observations in Bengal and Upper India, *viz.*,

the prolongation of the south-west monsoon current beyond its normal period. South-west winds at Trichinopoly, Coimbatore, and Bangalore, and south-east winds at Madras, Bellary, and Poona, confirm the statement. The wind velocity was generally below the average at all stations, except Coimbatore. The wind percentage indicates much greater steadiness of the wind than usual, due to the delay in the transition from one monsoon to the other.

November.—In November the north-east monsoon is fully established over the Indian area. North-westerly or west-north-west winds prevail in the Punjab, North-Western Provinces, Oudh, and Behar. The winds are northerly in Bengal, with (at Jessore and Saugor Island) a very slight easterly element. In the Central Provinces a strong easterly element is developed during the month, the mean wind direction being east-north-east. In Southern India the general direction is north-east, varying a point or two to the east or north.

The chief differences between the air motion of November and October are the following:—

1st.—A much greater steadiness. This is shown by the following:—

	Wind Percentage.	
	October.	November.
Lahore	15	29
Lucknow	41	64
Sibsagar	38	63
Patna	5	27
Calcutta	11	58
Nagpur	61	65
Dacca	4	38
Chittagong	13	51
Cuttack	26	44
Bombay	31	57
Vizagapatam	27	56
Bellary	25	73
Madras	7	63

This much greater steadiness of air motion is what might be expected from the fact that the north-east monsoon is not fully established until the end of October.

2nd.—The wind motion, although the baric gradient is greater, and the north-east monsoon established, is at the majority of stations less in November than in October. It is a month of light, but steady, winds; whilst October is, on the other hand, a month of light and variable winds. This will be seen by comparing the velocities for the two months of the same stations that are given in the preceding table:—

	October.	November.
Lahore	57·6	53·9
Lucknow	43·8	31·0
Allahabad	31·9	25·7
Sibsagar	43·9	36·3
Patna	52·8	43·8
Dacca	59·0	43·9
Calcutta	87·4	85·1
Cuttack	52·5	37·7
Nagpur	85·0	66·9
Chittagong	84·0	91·4
Bombay	233·9	234·1
Vizagapatam ...	52·7	64·2
Bellary	105·0	79·0
Madras	152·7	194·0
Port Blair	158·2	172·2
Nancowry	153·6	125·2

The only stations which do not show it are those on the Coromandel coast, exposed to the full force of the north-east monsoon. Generally, however, the increased barometric differences or baric gradients of November and the establishment of the north-east monsoon is accompanied over nearly the whole of India by diminished wind velocity.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, November.	Mean wind direction, November 1877.	Average daily wind velocity, November.	Average daily wind velocity, November 1877.	Average percentage, November.	Percentage, November 1877.
Rawalpindi	S. 76° W.	N. 85° W.	28·6	31·2	24	26
Lahore	N. 48° W.	N. 19° W.	53·9	58·2	29	31
Roorkee	S. 18° E.	N. 72° W.	31·3	46·0	5	10
Delhi	N. 54° W.	N. 50° W.	63·2	62·9	69	56
Bareilly	N. 54° W.	N. 55° W.	42·3	...	41	53
Agra	N. 87° W.	N. 66° W.	55·6	...	31	46
Lucknow	N. 61° W.	N. 59° W.	31·0	42·0	64	74
Allahabad	N. 85° W.	N. 73° W.	25·7	25·3	40	20
Gorakhpur	N. 80° W.	N. 35° W.	...	..	49	19
Benares	N. 79° W.	S. 81° W.	51·0	54·2	34	62
Jhansi	N. 12° W.	S. 51° W.	...	...	25	17
Jubbulpore	N. 30° E.	N. 6° W.	47·5	47·5	23	9

Over the whole of Upper India, excepting a small portion of the easterly districts of the North-Western Provinces, the preceding returns show that north-west winds of greater steadiness than usual prevailed. The northerly component was also strongly developed, as compared with normal years. At Roorkee the usual south-south-east winds were replaced by west-north-west winds, indicating strongly the same tendency. One remarkable exception remains to be pointed out. At the end of the rains the same abnormal air motion re-commenced at Benares and Jhansi, which had been so striking a feature prior to the commencement of the rains. In other words, whatever abnormal meteorological features this was due to, whether to abnormal variations of pressure or to some other local condition, the fact remains evident, that the prolonged change of conditions of the rains utterly failed to remove this peculiarity at Benares. The wind velocity was now quite up to the average at all stations, and at some, including Roorkee and Lucknow, it was considerably in excess.

The wind percentage is generally above the average. The persistence of the abnormal air motion at Benares is indicated by the high percentage of the month (62) as compared with the mean (34).

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, November.	Mean wind direction, November 1877.	Average daily wind velocity, November.	Average daily wind velocity, November 1877.	Average percentage, November.	Percentage, November 1877.
Patna	N. 66° W.	S. 79° W.	43·8	21·8	27	35
Hazaribagh	N. 49° W.	N. 56° W.	91·9	106·3	61	76
Purneah	N. 73° W.	N. 32° W.	...	31·4	46	28
Goalpara	S. 87° E.	S. 75° E.	87·4	36·2	55	33
Sibsagar	N. 63° E.	N. 78° E.	36·3	30·3	63	69
Dacca	N. 17° W.	S. 87° W.	43·9	42·5	38	5
Burdwan	N. 15° W.	N. 36° W.	42·8	36·4	67	59
Calcutta	N. 17° W.	N. 36° W.	85·1	45·2	58	44
Chittagong	N. 19° W.	N. 32° W.	91·4	64·9	51	32
Saugor Island	N.	N. 32° W.	121·9	131·0	53	29
False Point	N. 20° E.	N. 33° E.	...	109·4	53	15
Akyab	N. 17° W.	N. 33° E.	56·8	60·1	31	15
Port Blair	N. 62° E.	N. 69° E.	172·2	135·9	57	47
Nancowry	S. 42° E.	S. 55° E.	125·2	55·1	49	56
Cuttack	N. 17° W.	N. 24° W.	37·7	34·9	44	41

The following are the important features of the air motion in the Lower Provinces for the month of November:—

1st.—The winds in Assam were unusually weak, as shown by the returns of Sibsagar and Goalpara. It has already been noted that in Upper India the westerly

winds were either of average strength or in excess. The effect of this is evident in the wind returns of the Bengal and Chutia Nagpur stations in the unusual strength of the westerly component of the winds. The mean wind direction at Burdwan was thus 21° more to the west than usual, at Calcutta 19°, at Chittagong 13°, at Saugor Island 32°, and at Cuttack 7°. The same feature of an abnormal southerly component in the mean wind direction of Patna, as at Benares, is interesting, as establishing without doubt that it represents a persistent local abnormal deviation of the air motion from its mean direction.

2nd.—The wind velocity was generally below the average at the great majority of stations. This diminished air motion was very marked in Assam, at Patna, and in the centre of Bengal (as shown by the Calcutta, Chittagong, Jessore, and Silchar returns).

3rd.—The wind percentage for Patna indicates that the abnormal winds of the month were steadier than the normal winds are. The wind percentage at all the Bengal stations was considerably below the average. This was very marked at Dacca, where it was only 5 per cent. instead of the normal 38 per cent.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, November.	Mean wind direction, November 1877.	Average daily wind velocity, November.	Average daily wind velocity, November 1877.	Average percentage, November.	Percentage, November 1877.
Ajmere	N. 14° E.	S. 76° W.	...	54·9	7	12
Deesa	?	S. 87° E.	...	...	?	21
Kurrachee	S. 76° W.	S. 80° W.	...	231·1	23	26
Bombay	N. 14° E.	N. 20° E.	234·1	216·5	57	52
Akola	N. 67° E.	N. 74° E.	89·9	128·7	55	44
Khandwa	N. 84° E.	S. 89° E.	59·5	56·4	56	28
Hoshangabad	N. 58° E.	S. 83° E.	47·0	53·4	64	39
Nagpur	N. 65° E.	N. 62° E.	66·9	60·0	65	40
Saubalpur	N. 14° W.	N. 59° W.	...	33·5	60	29
Raipur	N. 24° E.	N. 47° E.	50·6	55·9	58	31

In November the winds in the Central Provinces were unusually variable. The wind velocity over the whole of this area generally varied by small amounts from the mean. In the Central Provinces it was slightly in excess, whilst at Bombay it was below the average. These two features of increased air motion in the Central Provinces and diminished velocity at Bombay, it will be remembered, characterized the early months of the year.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, November.	Mean wind direction, November 1877.	Average daily wind velocity, November.	Average daily wind velocity, November 1877.	Average percentage, November.	Percentage, November 1877.
Vizagapatam	N. 83° E.	S. 84° E.	64·2	37·1	56	78
Bellary	S. 88° E.	S. 74° E.	79·0	64·1	73	74
Bangalore	N. 61° E.	N. 55° E.	59·5	70·6	77	67
Madras	N. 23° E.	N. 23° E.	194·0	153·1	63	91
Poona	S. 84° E.	S. 85° E.	...	...	73	77
Coimbatore	N 54° E.	N. 46° E.	73·6	69·9	61	61
Trichinopoly	N. 33° E.	N. 25° E.	125·4	115·9	73	75
Negapatam	N. 46° E.	N. 37° E.	114·1	82·1	72	70
Madura	N. 32° E.	N. 45° W.	105·2	98·2	48	69

The air motion in Southern India differed less from the normal condition than in Northern India. The wind velocity was generally below the average. This was conspicuously the case at the coast stations of Vizagapatam, Madras, and Negapatam, and probably indicated that the north-east monsoon was at this time feebler than usual. The mean wind directions in general varied very slightly from the normal direction. The only important exception is Vizagapatam, where the feeble northerly component of ordinary years was replaced in November 1877 by an equally feeble southerly element. The wind steadiness, except at Madras, where the winds were unusually regular, did not differ much from the average.

December.—The air motion in the month of December is almost identical in character with what it is in November. In the Central Provinces the winds become more easterly.

The following are the more important facts:—

1st.—The winds, as in November, are very feeble. The following table gives the daily wind velocity at several stations for the month of October, November, and December for comparison—

Stations.	Average daily wind velocity.		
	October.	November.	December.
Lahore	57·6	53·9	51·9
Roorkee	35·8	31·3	35·7
Agra	62·8	55·6	56·1
Lucknow	43·8	31·0	32·5
Allahabad	31·9	25·7	26·1
Sibsagar	43·9	36·3	31·1
Patna	52·8	43·8	44·0
Hazaribagh	113·7	91·9	97·5
Dacca	59·0	43·9	47·8
Calcutta	87·4	85·1	89·2
Saugor Island	135·5	121·9	112·4
Cuttack	52·5	37·7	33·7
Nagpur	85·0	66·9	59·7
Jubbulpore	57·1	47·5	50·5
Bombay	233·9	234·1	229·8
Vizagapatam	52·7	64·2	59·0
Bellary	105·0	79·0	86·8
Madras	152·7	194·0	218·0
Akyab	56·1	56·8	57·8

whence generally the same light winds with very slight variations in velocity prevail during the month, as in November.

2nd.—The winds are also, on the whole, slightly steadier in December than in November, as is indicated by the following table:

Stations.	Average percentage.		
	October.	November.	December.
Lahore	15	29	24
Agra	39	31	24
Lucknow	41	64	70
Allahabad	19	40	33
Sibsagar	38	63	48
Patna	5	27	47
Hazaribagh	38	61	63
Dacca	4	38	45
Chittagong	13	51	60
Calcutta	11	58	60
Cuttack	26	44	31
Nagpur	61	65	57
Bombay	31	57	60
Vizagaptam	27	56	58
Bellary	25	73	78
Madras	7	63	72
Trichinopoly	21	73	80

Hence in Upper India and Central India the winds are slightly less steady than in the preceding month. In Behar, Bengal, and along the Coromandel coast they became more steady with the continuance of the north-east monsoon. Like November, it is hence essentially a month of light steady winds.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, December.	Mean wind direction, December 1877.	Average daily wind velocity, December.	Average daily wind velocity, December 1877.	Average percentage, December.	Percentage, December 1877.
Rawalpindi	N. 67° W.	N. 63° W.	32·3	45·5	35	10
Lahore	N. 29° W.	N. 57° W.	51·9	46·2	24	28
Roorkee	N. 74° W.	N. 62° W.	35·7	60·6	9	13
Delhi	N. 56° W.	N. 54° W.	66·3	77·6	64	37
Bareilly	N. 65° W.	N. 59° W.	51·6	97·7	44	33
Agra	N. 62° W.	N. 20° W.	56·1	...	24	24
Lucknow	N. 68° W.	S. 42° W.	32·5	45·0	70	54
Allahabad	N. 79° W.	N. 41° W.	26·1	31·4	33	14
Gorakhpur	N. 84° W.	N. 76° W.	...	...	53	29
Benares	N. 78° W.	N. 85° W.	57·0	48·6	46	39
Jhansi	N. 22° E.	N. 49° E.	...	...	32	47
Jubbulpore	N. 24° E.	N. 35° W.	50·5	55·9	24	18

The following gives the more important characteristics of the wind distribution in the Upper Provinces in December 1877:—

1st.—All the stations in the North-Western Provinces, excepting Benares and Lucknow, present a much stronger northerly component in the mean air motion, and a feebler westerly element. The air motion was over this area much

more directly from the north than usual. At Benares the southerly element which characterized the winds in November does not appear in December. It is, however, feebly indicated by the additional westing in the mean wind direction.

2nd.—The wind velocity at the great majority of stations was in excess, as in November. The only marked exceptions were Lucknow and Benares, where it was slightly below the average.

3rd.—The wind percentage was generally below the average.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, December.	Mean wind direction, December 1877.	Average daily wind velocity, December.	Average daily wind velocity, December 1877.	Average percentage, December.	Percentage, December 1877.
Patna	N. 79° W.	S. 89° W.	44·0	28·3	47	84
Hazaribagh	N. 58° W.	N. 66° W.	97·5	136·2	63	67
Purneah	N. 79° W.	N. 88° W.	...	42·9	64	54
Goalpara	S. 88° E.	N. 85° E.	72·8	28·0	56	24
Sibsagar	N. 74° E.	N. 84° E.	31·1	21·7	48	54
Dacca	N. 34° W.	N. 37° W.	47·8	59·8	45	54
Burdwan	N. 25° W.	N. 30° W.	46·3	52·1	65	65
Calcutta	N. 26° W.	N. 26° W.	89·2	63·0	60	51
Chittagong	N. 24° W.	N. 12° W.	100·4	72·4	60	51
Saugor Island	N. 12° E.	N. 5° E.	132·4	144·7	53	40
False Point	N. 30° E.	N. 70° E.	...	117·4	52	51
Akyab	N. 20° W.	N. 24° W.	57·8	60·3	41	57
Port Blair	N. 43° E.	N. 45° E.	134·6	149·6	71	83
Nancowry	S. 72° E.	S. 63° E.	180·5	143·2	79	81
Cuttack	N. 5° E.	N. 26° E.	33·7	41·1	31	48

The features of the wind distribution in the Lower Provinces were generally similar in character to those of the preceding month. The abnormal southerly element in the wind direction at Patna again presents itself, but in a feeble form. In Bengal the wind directions show the same strengthening of the westerly component as in the previous month. At Dacca the mean wind direction was 3° more to the west, at Burdwan 5°, at Purneah 9°, and at Jessore 9°; at Saugor Island the easterly component was feebler than usual, thus indicating the same general deflection of the air current from its mean direction.

The wind velocity in Assam was, as in November, considerably below the average, and at the majority of stations in Bengal it was, on the other hand, slightly above it. At Calcutta and Chittagong it was, however, in defect, as in the previous month; this diminished air motion was most conspicuous at Patna and Goalpara, at the latter of which stations the wind intensity was only 35 per cent. of its normal amount.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, December.	Mean wind direction, December 1877.	Average daily wind velocity, December.	Average daily wind velocity, December 1877.	Average percentage, December.	Percentage, December 1877.
Ajmere	E.	N. 50° E.	...	67·2	11	18
Deesa	N. 20° E.	N. 23° E.	...	...	38	19
Kurrachee	N. 30° E.	N. 37° E.	...	289·0	2	233
Bombay	N. 17° E.	N. 18° E.	229·8	222·6	60	59
Akola	N. 69° E.	S. 57° E.	78·7	100·9	58	33
Khandwa	N. 85° E.	S. 80° E.	69·3	88·8	42	40
Hoshangabad	N. 52° E.	N. 82° E.	64·7	99·0	62	58
Nagpur	N. 70° E.	N. 73° E.	59·7	69·0	57	29
Sambalpur	N. 25° W.	N. 23° W.	...	50·0	60	29
Raipur	N. 39° E.	N. 70° E.	44·5	55·7	52	24

The wind velocity in the Central Provinces was again excessive, whilst at Bombay it was slightly below the average. The winds, more especially in the Central Provinces and the Berars, were much less steady than usual. At Nagpur and Sambalpur the wind percentage was only half its normal amount. The mean wind directions do not present any marked general irregularity.

Stations.	Direction.		Velocity.		Steadiness.	
	Mean wind direction, December.	Mean wind direction, December 1877.	Average daily wind velocity, December.	Average daily wind velocity, December 1877.	Average percentage, December.	Percentage, December 1877.
Vizagapatam	S. 84° E.	S. 82° E.	59·0	54·4	58	86
Bellary	S. 83° E.	S. 57° E.	86·8	80·4	78	87
Bangalore	N. 76° E.	N. 87° E.	69·9	83·9	89	87
Madras	N. 27° E.	N. 47° E.	218·0	189·3	72	89
Poona	S. 76° E.	S. 48° E.	...	...	61	54
Coimbatore	N. 52° E.	N. 50° E.	95·6	100·9	79	90
Trichinopoly	N. 41° E.	N. 37° E.	147·1	127·3	80	87
Negapatam	N. 44° E.	N. 49° E.	152·5	115·3	94	95
Madura	N. 74° E.	N. 68° E.	130·3	130·6	90	90

The month of December presents few marked extensive irregularities in Southern India. The north-east monsoon was fully established and the mean direction of the wind at the various stations differed by small amounts from the normal direction. The average wind velocities indicate continued weakness in the current, whilst the winds were generally less variable than usual.

One important point which it has been attempted to trace out in the preceding discussion on the winds of 1877 in India is, the remarkable persistence of the abnormal features, both on the large and the small scale, in the air motion of India. On the large scale it has been shown by the continuance of the dry hot-weather winds during the whole rainy season in Upper India. It was equally shown by the marked and persistent diversion of the local sea winds of April and May, and the sea winds of the monsoon current at the head of the Bay and in Bengal to the east. It is equally strongly indicated by the persistent diminished air motion in Northern India during the whole of the cold weather, and by the increased wind velocity in the North-Western Provinces of the rainy season. It has also been indicated that these persistent wind deviations also occur on the small scale, or are local in character. The abnormally small wind velocities at Patna, Goalpara, Lahore, Vizagapatam, Madras, &c., as compared with adjacent stations,

are all examples of this. It is not due, I am certain from investigation and enquiry in these cases, to instrumental defects. Recent cyclone investigation has convinced me that the path of a cyclone at the April and October transition periods is along the line of least relative air motion. It has been strongly confirmed by the experience of the present year. The fact that the only important cyclone of 1877 which struck the coast near the mouth of the Pennair on the afternoon of the 18th May included the four stations of Madras, Vizagapatam, Patna, and Goalpara within the area of greatest disturbance affords a strong and additional confirmation of the general accuracy of the returns. This feature in the lower atmospheric motion in India (*viz.*, the occasional persistence of abnormal air motion at the same station, and therefore locally, for months, and, it may be, even for two or three years) has, I believe, not yet been investigated by any meteorologist. Recent investigation has shown most plainly the prolonged existence of slight barometric variations of the same kind over local areas in India. Mr. Blanford has termed these, as has already been stated, abnormal barometric variations or anomalies. These may be either local or general in their character. The more important of these during the year 1877 have been enumerated in the discussion on pressure. Hitherto they do not appear to have been studied in their proper connection and significance. Without attempting to lay down any universal rule connecting differences of pressure or baric gradients with wind direction and velocity, applicable alike to tropical and temperate regions, and for the occurrence or non-occurrence of rainfall, &c., there is not the slightest doubt that there is an intimate connection or functional relation between these two elements of meteorological observation, *i. e.*, between the distribution of pressure and the air motion at the earth's surface. Consequently any persistent irregularity or deviation from the mean distribution of the one element, necessarily implies a similar persistent irregularity in the other element. What the connection between the two is, so far as can yet be judged, is a problem for prolonged enquiry and not for hasty generalization. Meanwhile I indicate one or two results which analogy and the study of the daily changes of the weather during the past twelve months have suggested.

In India there is a very marked tendency towards the perpetuation for very considerable periods of any marked irregularity. This appears to be mainly due to the fact that the two great factors of meteorological changes—rainfall and air motion—both due primarily to the same cause—the action of the solar heat—tend to perpetuate their existence. Rainfall, which in the great majority, if not in all cases, is due to and follows ascensional movement of a mass of air, sets free the latent energy or heat of evaporation. The action of this tends to perpetuate the upward movement, and therefore also the indraught from neighbouring regions. Rain, therefore, by atmospheric drainage tends to localize itself, and to perpetuate the particular kind of air motion which gives rise to it. In a somewhat similar manner, it may be inferred that any particular distribution of pressure is accompanied and followed by air motion, which does not immediately tend to alter the pressure distribution and restore equilibrium, but which in virtue of the momentum acquired by the air continues the previous pressure relations. In other words, the kinetic energy developed is not immediately converted into the potential energy of pressure. This, in consequence of the viscosity of gases, is the final result. The immediate result of the motion appears to be, as far as can be judged by Indian observation, to perpetuate for longer or shorter intervals, according to the initial conditions, the

particular distribution of pressure which gives rise to the motion. Hence there appear to be reasons for believing that abnormal distribution of pressure is accompanied by abnormal air motion, which tends to perpetuate the peculiar distribution of pressure that gives rise to it. The following local examples are selected from the meteorological returns of the present year 1877, as further evidence of the fact that the abnormal variations of the air motion are as persistent and as strongly marked as the abnormal barometric variations, and are, moreover, connected with them. The first case is that of Vizagapatam. The observatory, it may be remarked, is a private one. It is excellently equipped, and is maintained by a native gentleman, V. Nursing Rao, Esq., who takes a genuine and hearty interest in meteorological enquiry.

The following table for Vizagapatam gives the mean wind direction of the corresponding months of previous years and of the year 1877, and the deviations of the latter from the former measured as an angular rotation (assuming as the positive direction of rotation north, east, south, west). It also gives the mean daily wind velocity for each month, and the average for each month of 1877, and the ratio of these expressed as a percentage. It also gives the mean percentage of winds in the mean direction for previous years and the percentage for each month of 1877, and the difference between these.

Vizagapatam.

Months.	Wind direction.			Wind velocity.			Wind steadiness.		
	Average wind direction.	Average wind direction, 1877.	Rotational deviation.	Average velocity.	Average velocity, 1877.	Ratio of mean velocities.	Average percentage.	Percentage, 1877.	Difference.
January	S. 55° E.	S. 41° E.	+14	50·8	48·8	96	42	66	+24
February	S. 9° E.	S. 3° E.	+6	62·7	53·0	85	40	62	+22
March	S. 49° W.	S. 53° W.	+4	87·3	55·6	64	56	58	+2
April	S. 41° W.	S. 32° W.	−9	106·0	52·1	49	58	68	+10
May	S. 35° W.	S. 37° W.	+2	107·5	66·5	63	53	52	−1
June	S. 58° W.	S. 85° W.	+27	111·8	78·0	70	57	61	+4
July	S. 73° W.	S. 89° W.	+16	109·9	36·7	33	70	58	−12
August	S. 72° W.	N. 77° W.	+31	84·6	46·5	55	58	67	+9
September	S. 42° W.	S. 43° W.	+1	61·3	40·5	66	39	30	−9
October	S. 61° E.	S. 39° E.	+22	52·7	36·9	70	27	40	+13
November	N. 83° E.	S. 84° E.	+13	64·2	37·1	58	56	78	+22
December	S. 84° E.	S. 82° E.	+2	59·0	54·4	91	58	86	+28

The above comparison shows that in the case of Vizagapatam, the winds were during the whole year steadily directed through considerable angular amounts in the positive direction of rotation. There was only one month in which this was not the case, *viz.*, April. Again, the wind velocity was below the average during the whole year, the leading fact in the variation being that the velocity was nearly normal in amount in January, and decreased until July, when the wind velocity was only one-third of its average amount, and increased again until December, when it was very slightly below the mean. Also the steadiness of the winds was very considerably above the average. The opposite was true for only three out of the twelve months. Hence each of the three elements of wind observation shows a remarkable persistent variation throughout the year.

The second case selected is Madras. The Madras observatory is under the immediate control of the Government Astronomer, Mr. N. R. Pogson, and has a high character for the accuracy and trustworthiness of its observations.

Madras.

Months.	Wind direction.			Wind velocity.			Wind steadiness.		
	Average wind direction.	Average wind direction, 1877.	Rotational deviation.	Average velocity.	Average velocity, 1877.	Ratio of mean velocities.	Average percentage.	Percentage, 1877.	Difference.
January	N. 49° E.	N. 58° E.	+ 9	164·7	163·5	99	63	87	+24
February	S. 87° E.	S. 71° E.	+16	160·5	167·4	104	63	81	+18
March	S. 48° E.	S. 52° E.	— 4	198·4	175·8	89	79	87	+ 8
April	S. 40° E.	S. 51° E.	—11	2441·1	203·0	83	81	95	+14
May	S. 14° E.	S. 17° E.	— 3	262·4	243·4	93	61	64	+ 3
June	S. 39° W.	S. 24° W.	—15	256·1	223·1	87	52	75	+23
July	S. 52° W.	S. 22° W.	—30	249·1	222·0	89	63	84	+21
August	S. 47° W.	S. 23° W.	—26	210·8	219·5	104	52	79	+27
September	S. 31° W.	S. 2° W.	—29	189·6	164·8	87	47	70	+33
October	N. 31° E.	S. 68° E.	+81	152·7	133·1	87	7	51	+44
November	N. 23° E.	N. 23° E.	...	194·0	153·1	79	63	91	+28
December	N. 27° E.	N. 47° E.	+20	218·0	189·3	87	72	89	+17

In this case the comparison shows that during the months of January and February, and also during those of October and November, *i. e.*, during the months of the north-east monsoon, the mean wind direction deviated in every case in the positive direction from its normal position, whilst in the interval from March to September inclusive it deviated without exception in the opposite or negative direction. This negative deviation is also, on the whole, fairly regular, attaining its maximum in July. The wind velocity was below the average for ten months of the year. The chief fact, however, is the remarkable steadiness of the winds which characterized every month of the year. It is exhibited in its most striking form for the month of October, when the wind percentage was upwards of seven times its normal amount.

The two stations of Benares and Patna are selected for the third illustration. The meteorology of both these stations appears to have been affected by a marked local barometric depression throughout the year. Benares is under the control of the Reporter for the North-Western Provinces, and Patna of the Bengal Reporter.

Benares.

Months.	Wind direction.			Wind velocity.			Wind steadiness.		
	Average wind direction.	Average wind direction, 1877.	Rotational deviation.	Average velocity.	Average velocity, 1877.	Ratio of mean velocities.	Average percentage.	Percentage, 1877.	Difference.
January	N. 75° W.	S. 37° W.	— 68	72·7	72·4	100	26	7	—19
February	N. 81° W.	S. 57° W.	— 39	94·3	107·3	110	38	42	+ 4
March	N. 88° W.	S. 65° W.	— 27	106·1	102·0	95	44	48	+ 4
April	N. 79° W.	S. 84° W.	— 17	114·5	130·9	111	43	32	—11
May	N. 49° W.	N. 80° W.	— 31	121·4	124·7	100	21	44	+23
June	N. 49° W.	N. 24° W.	+ 25	115·9	128·3	115	2	12	+10
July	S. 15° E.	S. 70° W.	+ 85	114·8	141·4	123	10	46	+36
August	S. 3° E.	S. 77° E.	— 74	99·5	98·2	99	10	21	+11
September	S. 59° E.	S. 85° W.	+ 144	86·9	91·1	104	5	45	+40
October	N. 78° W.	S. 77° W.	— 25	53·8	50·1	95	34	33	— 1
November	N. 79° W.	S. 81° W.	— 20	51·0	54·2	106	34	62	+28
December	N. 78° W.	N. 85° W.	— 7	57·0	48·6	85	46	39	— 7

Patna.

Months.	Wind direction.			Wind velocity.			Wind steadiness.		
	Average wind direction.	Average wind direction, 1877.	Rotational deviation.	Average velocity.	Average velocity, 1877.	Ratio of mean velocities.	Average percentage.	Percentage, 1877.	Difference.
January	N. 78° W.	N. 88° W.	— 10	55·8	33·1	60	39	7	—32
February	N. 72° W.	S. 83° W.	— 25	74·0	36·8	50	41	59	+18
March	N. 70° W.	S. 82° W.	— 28	93·1	51·2	55	48	58	+10
April	N. 24° W.	N. 86° W.	— 62	123·8	81·3	66	28	42	+14
May	N. 41° E.	N. 72° E.	+ 31	119·5	61·5	51	32	28	— 4
June	N. 68° E.	S. 86° E.	+ 28	94·8	56·0	58	42	76	+34
July	N. 82° E.	N. 81° E.	— 1	85·9	35·0	41	37	15	—22
August	S. 67° E.	N. 88° E.	— 25	80·4	42·0	52	28	58	+30
September	S. 84° E.	N. 88° E.	— 8	77·5	29·2	39	39	55	+16
October	N. 33° W.	S. 72° E.	+141	52·8	26·5	50	5	23	+18
November	N. 66° W.	S. 79° W.	— 45	43·8	21·8	48	27	35	+ 8
December	N. 79° W.	S. 89° W.	— 12	44·0	28·3	63	47	84	+37

A glance at the two tables will show the peculiar abnormal features of the two stations. At Patna the wind directions deviated in the negative direction during the greater part of the year; the wind velocity was unusually small, and the winds generally steadier than usual. At Benares the winds deviated in the same direction as at Patna, and the winds were also much less variable than usual, but the wind velocity, on the other hand, was persistently above the average. A comparison of the two tables also show the same persistence of the unusual feature of a southerly component in the mean wind direction at both stations during the dry weather months.

The following gives similar details with respect to Goalpara, a second class observatory in Assam under the control of the Bengal Reporter:

Goalpara.

Months.	Wind direction.			Wind velocity.			Wind steadiness.		
	Average wind direction.	Average wind direction, 1877.	Rotational deviation.	Average velocity	Average velocity, 1877.	Ratio of mean velocities.	Average percentage.	Percentage, 1877.	Difference.
January	S. 89° E.	S. 86° E.	+ 3	81·7	86·1	105	34	46	+12
February	N. 87° E.	N. 10° W.	—97	99·1	60·6	61	23	3	—20
March	N. 82° E.	N. 21° E.	—61	152·7	104·9	67	32	15	—17
April	N. 88° E.	N. 75° E.	—13	175·0	145·9	88	42	45	+ 3
May	S. 85° E.	N. 86° E.	— 9	159·5	99·1	62	47	42	— 5
June	S. 76° E.	S. 80° E.	— 4	122·2	75·5	62	29	13	—16
July	S. 55° E.	S. 63° E.	— 8	95·7	77·2	80	28	19	— 9
August	S. 9° E.	S. 60° E.	—51	95·5	75·0	78	18	32	+14
September	S. 68° E.	S. 55° E.	+13	92·2	69·3	78	22	18	— 4
October	S. 85° E.	S. 79° E.	+ 6	82·8	44·9	54	45	38	7
November	S. 87° E.	S. 75° E.	+12	87·4	36·2	41	55	33	—22
December	S. 88° E.	N. 85° E.	— 7	72·8	28·0	38	56	24	—32

It shows that at Goalpara the air motion was unusually feeble and unsteady during the year, and that the mean wind direction deviated in the negative direction for nine months of the year.

Lahore.

Months.	Wind direction.			Wind velocity.			Wind steadiness.		
	Average wind direction.	Average wind direction, 1877.	Rotational deviation.	Average velocity.	Average velocity, 1877.	Ratio of mean velocities.	Average percentage.	Percentage, 1877.	Difference.
January	N. 29° W.	N. 13° E.	+ 42	65·4	40·0	61	26	20	— 6
February	N. 32° W.	N. 27° W.	+ 5	74·0	46·7	63	36	20	—16
March	N. 6° W.	N. 9° E.	+ 15	97·0	68·1	70	37	32	— 5
April	N. 43° W.	N. 14° E.	+ 57	97·9	79·7	80	28	32	+ 4
May	N. 4° E.	N. 11° E.	+ 7	96·1	65·5	66	21	19	— 2
June	N. 25° W.	N. 29° W.	— 4	95·4	62·3	64	10	17	+ 7
July	S. 68° E.	S. 59° W.	+127	92·2	52·3	56	38	22	—16
August	S. 72° E.	S. 54° W.	+126	88·2	66·1	75	39	26	—13
September	N. 81° E.	N. 83° W.	—164	67·0	49·6	73	19	18	— 1
October	N. 1° E.	N. 82° E.	+ 81	57·6	45·2	80	15	15	0
November	N. 45° W.	N. 19° W.	+ 27	53·9	58·2	108	29	31	+ 2
December	N. 29° W.	N. 57° W.	— 28	51·9	46·2	90	24	28	+ 4

The last instance is Lahore, where the observatory is under the immediate control of the local Reporter for the *Punjab*. It shows that, on the whole, the winds were less steady than usual. The chief feature in this case, however, is the diminished wind velocity for all months, except November.

Humidity.

The leading facts respecting the relative humidity of the most important stations are given in Tables XI and XII. The data for different stations given in Table XI are not generally inter-comparable, as in the case of some stations the mean relative humidity is deduced from four daily observations, in others from three observations, and in the majority of cases from two observations. But the comparison for each station is derived from means deduced from the same number of observations daily at the same hours, and hence it gives results which are approximately inter-comparable for the same station.

Table XI.—*Average monthly mean humidities of stations in India, Ceylon, &c.*

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh	3— 5	73	78	58	41	38	40	47	47	41	39	52	74	52
Murree	6— 7	60	57	53	47	47	42	73	69	64	53	51	55	56
Rawalpindi	10—11	59	57	49	41	33	34	51	55	51	46	51	59	49
Sialkot	10—11	56	52	45	35	28	33	59	62	55	42	43	56	47
Lahore	10—12	59	55	47	35	29	33	54	56	51	45	44	54	47
Ludhiana	8—10	52	52	43	33	32	38	60	58	56	41	39	51	46

TABLE XI.—*Average monthly mean humidities, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Simla	4— 5	54	57	45	29	43	46	81	80	74	51	49	54	55
Delhi	3— 4	53	50	41	32	42	42	61	63	62	51	48	56	50
Dera Ismail Khan ...	10—11	51	48	43	37	32	34	48	52	47	40	47	52	44
Mooltan	10—12	49	46	40	29	29	34	43	48	43	40	41	49	41
Ajmere	9—10	46	43	38	33	35	45	65	66	60	41	40	45	46
Chakrata	8— 9	64	63	55	45	50	67	91	92	84	61	50	58	65
Dehra	10	58	56	48	38	38	56	79	81	75	56	50	56	58
Roorkee	10	66	63	51	36	36	51	76	76	73	61	57	65	59
Ranikhet	7	56	54	47	38	48	61	82	83	76	55	50	51	58
Meerut	9	56	49	44	33	39	47	70	71	66	52	48	56	53
Bareilly	9—10	61	55	46	36	37	53	75	75	72	58	51	58	56
Agra	9—10	55	47	40	28	29	47	68	72	69	48	42	52	50
Lucknow	10	58	49	37	30	36	54	74	76	73	56	46	54	54
Gorakhpur	9—10	59	52	46	41	51	67	78	81	77	61	51	59	60
Jhansi	10	47	39	33	24	27	46	70	70	67	43	35	43	45
Allahabad	6— 9	60	51	40	35	37	51	75	76	76	60	53	59	56
Benares	8— 9	65	57	45	39	41	60	81	82	80	67	63	66	62
Sibsagar	4	84	79	78	81	82	83	83	82	83	82	81	83	82
Goalpara	9	68	59	54	66	77	85	84	82	84	76	71	71	73
Darjeeling	10	78	77	70	77	83	91	92	92	91	79	74	74	82
Purneah	3— 4	64	52	53	...	...	78	84	83	82	70	62	63	?
Patna	9—10	57	50	36	35	43	60	74	78	76	59	50	55	56
Gya	6— 8	49	40	33	40	48	61	75	78	75	60	47	50	55
Hazaribagh	9—10	53	45	36	34	42	68	85	85	82	67	53	53	59
Berhampore	9—10	69	64	57	62	69	80	84	84	84	77	71	70	73
Burdwan	4	62	63	54	57	63	78	82	84	83	77	67	62	69
Jessore	9—10	57	53	50	60	68	80	82	82	81	72	64	58	67
Dacca	9—10	70	67	70	76	82	88	88	88	87	81	72	70	78
Silchar	7— 9	70	66	67	71	76	82	83	83	82	78	72	70	75
Chittagong	9—10	71	70	74	78	80	85	87	88	86	82	78	74	79
Calcutta (S. G. O.) ...	24	71	68	67	69	73	81	86	86	85	79	72	71	76
Saugor Island	9—10	75	75	78	81	81	84	86	87	86	82	74	73	80
Cuttack	10	67	65	64	65	66	75	81	82	83	77	68	66	72
False Point	10	79	80	83	85	83	83	85	85	84	80	71	73	81
Sambalpur	5— 6	68	67	62	56	58	66	77	79	77	71	71	69	68
Raipur	9	47	42	40	33	32	57	79	78	76	62	48	47	53
Nagpur	9	44	36	28	24	25	53	74	73	72	52	45	48	48
Seoni	7— 8	41	33	26	23	24	52	75	75	72	49	38	43	46

TABLE XI.—*Average monthly mean humidities, &c.*—concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jubbulpore	8— 9	50	43	35	28	26	50	71	72	71	57	47	49	50
Saugor	7— 8	33	25	18	17	20	47	76	78	69	38	28	33	40
Pachmarhi	5— 6	47	39	24	20	30	69	89	88	83	85	48	51	54
Hoshangabad	8	43	32	24	19	24	50	78	82	73	50	40	47	47
Khandwa	3	...	...	...	...	...	53	74	74	75	55	45	52	?
Buldana	3	...	...	35	...	...	...	...	76	76	56	42	50	?
Akola	4— 5	44	39	31	28	32	56	70	67	69	54	45	49	49
Amraoti	4— 5	43	37	28	24	33	55	69	69	65	44	39	46	46
Chanda	7— 8	52	47	40	40	37	58	74	73	75	63	55	53	56
Kurrachee	3	54	54	66	63	67	69	75	74	74	60	61	58	65
Deesa	3	46	39	39	33	44	53	74	70	73	52	44	46	51
Bombay	20	70	70	74	75	75	82	87	87	86	81	71	70	77
Poona	3	58	48	42	41	52	74	80	80	79	62	52	55	60
Belgaum	3	60	55	51	59	67	83	89	88	...	73	60	59	?
Vizagapatam	8	66	65	67	69	70	69	71	72	75	73	65	64	69
Secunderabad	3	64	54	45	41	39	58	68	69	74	65	57	61	58
Masulipatam	3	75	74	75	73	70	65	66	72	78	77	73	74	73
Bellary	3	44	36	31	32	41	59	59	58	63	60	56	55	50
Bangalore	3	60	52	54	55	63	74	75	77	77	73	69	65	66
Madras	10	64	63	63	63	59	55	56	61	65	71	73	69	64
Salem	3	58	51	41	54	63	65	65	69	69	76	72	70	63
Coimbatore	3	59	54	58	61	68	72	71	73	71	75	70	69	67
Trichinopoly	3	65	60	55	52	54	54	52	57	61	72	75	72	61
Negapatam	3	74	67	71	73	70	64	61	69	71	78	79	76	71
Madura	3	64	57	57	56	61	61	56	61	62	75	71	70	63
Cochin	3	73	74	78	79	83	89	88	87	85	84	80	75	81
Colombo	7— 8	80	78	79	81	83	85	83	82	83	82	81	80	81
Jaffna	7	75	72	73	77	82	82	81	82	83	83	83	82	80
Trincomalee	7— 8	77	74	75	72	69	67	65	68	71	75	83	82	73
Batticaloa	7— 8	80	80	80	78	75	70	71	74	77	79	85	85	78
Hambantota	7— 8	83	83	81	81	85	82	81	82	83	84	86	85	83
Galle	8	85	82	82	83	86	89	90	88	90	88	87	87	86
Kandy	7— 8	75	71	68	75	76	82	81	79	80	80	80	80	77
Newara Eliya	6— 7	77	69	71	78	82	89	87	84	85	87	84	83	81
Akyab	8—10	74	72	74	76	79	87	89	88	86	84	82	77	81
Port Blair	10	71	71	79	80	80	82	82	82	84	82	76	72	78
Nancowry	4— 5	74	71	71	71	77	79	79	78	79	80	78	77	76

TABLE XII.—*Comparison of monthly mean humidities in 1877 with the averages of Table XI.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree	− 1	+ 4	+ 1	+18	+12	+ 4	−18	−23	?	+ 5	+15	+11	?
Rawalpindi ...	+20	+19	+22	+31	+26	+17	+ 3	0	+ 8	+20	+28	+26	+18
Sialkot	?	+23	?	?	+20	+11	− 7	− 6	− 5	+16	+19	+25	?
Lahore	+18	+18	+14	+22	+16	+ 9	− 6	−14	+ 1	+ 8	+16	+25	+11
Ludhiana	?	+17	+18	+33	+12	+ 3	− 7	− 7	0	+14	+19	+29	?
Delhi	+15	+ 8	+12	+15	0	0	−10	−17	−22	− 2	0	+11	+ 1
Dera Ismail Khan ...	+20	+17	+ 9	+24	+19	+10	?	?	+ 3	+ 7	+16	+20	?
Mooltan	+17	+ 9	+14	+23	+19	+10	+ 9	+ 8	+16	+18	+ 8	+11	+14
Ajmere	+13	+ 9	+ 4	+ 7	+ 3	− 6	− 8	−19	−11	+ 9	+12	?	?
Chakrata	+ 6	+ 3	+10	+14	0	− 4	− 7	− 9	−13	− 4	+ 2	0	0
Roorkee	+10	+12	+ 8	+10	+ 5	− 7	−16	−18	−23	− 7	− 2	+11	− 1
Ranikhet	+15	+13	+18	+25	+ 6	− 4	− 3	− 6	−10	+ 9	+10	+13	+ 7
Meerut	+19	+19	+16	+19	+10	+ 3	−14	−21	−23	+ 8	+ 9	+18	+ 5
Bareilly	+10	+16	+18	+13	+ 3	− 3	−13	−17	−24	+ 3	+10	+19	+ 3
Agra	+12	+ 6	+ 7	+13	+ 8	− 8	−15	−27	−28	+ 4	+ 8	+15	0
Lucknow	+13	+10	+11	+12	+ 2	− 6	−13	−17	−25	+ 4	+ 9	+18	+ 2
Gorakhpur... ...	+ 8	+ 9	+19	+ 7	+ 2	− 3	− 7	− 5	−10	+ 7	?	?	?
Jhansi	+ 9	+ 7	+ 5	+14	+10	− 5	−16	−17	−18	+ 5	+ 4	+16	+ 1
Allahabad	+22	+21	+17	+15	+ 7	+ 3	−12	−12	−13	+ 4	+ 6	+15	+ 6
Benares	+ 7	+ 5	+ 5	+ 6	+ 1	− 8	−11	−11	−18	− 6	− 7	− 2	− 3
Sibsagar	− 1	− 1	− 1	− 4	+ 1	− 2	0	− 2	+ 3	0	+ 3	+ 1	0
Goalpara	+ 7	+ 6	+ 7	+ 7	+ 6	− 2	+ 4	− 1	+ 5	+ 2	+ 4	+ 9	+ 5
Darjeeling... ...	0	+ 3	+ 2	+ 4	+ 1	− 2	0	− 3	0	+ 2	+ 3	+ 8	+ 2
Purneah	?	?	+ 3	?	?	− 1	+ 2	− 1	+ 1	+ 4	+ 7	+ 9	?
Patna	+17	+17	+16	+ 9	+13	+ 4	+ 2	0	− 4	+ 7	+10	+14	+ 9
Gya	+18	+18	+16	+11	+18	+ 6	+ 1	+ 2	− 5	+ 5	+ 7	+10	+ 9
Hazaribagh ...	+12	+ 8	+ 5	+ 6	+ 3	− 7	−10	− 4	−11	− 7	− 4	+ 1	− 1
Berhampore ...	+ 1	− 2	+ 1	− 5	− 9	− 2	0	0	− 2	− 3	− 1	− 1	− 2
Burdwan	+ 9	+ 4	+ 6	+ 4	+ 2	0	+ 2	+ 2	0	0	+ 4	+ 5	+ 3
Jessore	+15	+17	+18	+11	+10	+ 3	+ 5	+ 4	+ 4	+ 6	+14	+10	+10
Dacca	+ 2	− 4	− 3	+ 1	− 5	− 3	− 1	− 2	− 2	− 4	0	0	− 2
Silchar	+ 5	+ 6	+ 6	+ 4	+ 3	− 1	+ 3	− 2	+ 4	+ 2	+ 3	+ 8	+ 3
Chittagong ...	0	+ 3	− 4	− 5	− 5	− 4	− 1	+ 1	−	− 3	+ 1	0	− 2
Calcutta	+ 3	+ 2	+ 4	+ 6	+ 4	+ 5	+ 3	+ 5	+ 3	+ 3	+ 4	− 1	+ 3
Saugor Island ...	+ 3	0	+ 1	0	0	− 1	+ 1	− 1	− 3	− 3	+ 2	+ 2	0

TABLE XII.—*Comparison of monthly mean humidities in 1877 with the averages of Table XI*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Cuttack	− 1	+ 6	− 4	− 3	− 1	− 1	− 4	− 3	− 6	− 5	− 2	− 2	− 2
False Point ...	− 1	+ 1	− 1	− 3	0	+ 2	+ 2	+ 2	+ 1	+ 2	?	?	?
Sambalpur	+ 2	+ 4	0	+ 4	− 5	− 2	+ 2	+ 6	+ 1	+ 3	− 1	+ 5	+ 2
Raipur	+19	+18	+ 7	+27	+23	+ 4	− 1	+ 8	+ 3	+14	+14	+21	+13
Nagpur	+18	+15	+14	+22	+16	+ 2	− 1	+ 4	0	+17	+10	+16	+11
Seoni	+20	+19	+17	+30	+23	+ 5	− 1	+ 3	+ 5	+23	+19	+30	+16
Jubbulpore ...	+19	+19	+16	+23	+19	+ 9	+ 5	+ 8	+ 4	+15	+18	+21	+15
Saugor	+11	+12	+16	+15	+ 2	−11	−19	?	?	+13	+ 8	+17	?
Pachmarhi ...	+18	+17	+20	+21	+11	−12	− 7	− 4	− 8	+10	+ 6	+22	+ 8
Hoshangabad ...	+17	+14	+15	+14	+ 9	+ 2	− 7	− 5	− 3	+14	+14	+25	+ 9
Khandwa	?	?	?	?	?	− 2	− 9	?	−10	0	+ 2	+10	?
Buldana	?	?	+ 2	?	?	?	?	− 2	− 6	+ 8	+ 4	+12	?
Akola	+ 9	+ 9	+ 4	+ 3	− 3	− 4	− 5	− 1	− 5	+ 8	+ 2	+16	+ 3
Amraoti	+12	+13	+10	+14	+ 4	+ 5	− 1	+ 2	− 1	+16	+ 7	+20	+ 8
Chanda	+ 8	+ 8	+11	+14	+ 5	− 2	− 3	+ 4	+ 4	+15	+ 7	+18	+ 7
Kurrachee ...	− 1	+ 1	+ 3	+11	+ 2	+ 4	− 5	− 3	0	− 5	+ 2	+ 7	+ 1
Deesa	+ 4	+ 5	+ 2	+ 5	+ 1	+ 5	− 9	−12	−11	− 6	− 7	+ 1	− 2
Bombay	+ 1	− 2	0	+ 2	− 1	0	− 3	− 3	− 1	+ 1	0	+3	0
Poona	− 5	0	− 2	− 1	− 1	+ 1	− 6	− 5	− 4	+14	+ 3	+ 7	0
Belgaum	− 2	0	− 8	−10	−10	− 4	− 6	− 3	?	+13	+ 1	+ 4	?
Vizagapatam ...	+ 3	+ 7	+ 2	0	+1	− 2	− 4	− 4	− 1	− 2	+ 1	+ 2	0
Secunderabad ...	−11	− 6	− 5	0	− 2	− 6	−11	− 9	− 4	+10	+ 1	+ 5	− 3
Masulipatam ...	− 2	− 1	− 5	− 4	− 6	− 4	−10	−10	0	+ 6	+ 4	+ 2	− 3
Bellary	− 4	+ 1	− 5	− 1	− 6	− 3	− 6	− 3	+ 5	+20	+ 16	+13	+ 2
Bangalore	+ 3	+ 4	+ 3	− 3	− 3	− 1	− 6	− 4	+ 5	+ 9	+ 8	+ 7	+ 2
Madras	+ 4	+ 3	+ 5	+ 5	+11	+ 7	+ 3	+ 1	+ 7	+ 6	+ 8	+ 7	+ 6
Salem	0	− 1	+ 5	− 3	− 6	+ 2	− 4	− 2	+ 6	+ 8	+ 7	+11	+ 2
Coimbatore ...	− 2	+ 4	− 4	− 4	− 7	+ 1	− 4	− 5	− 4	0	+ 3	+ 4	− 2
Trichinopoly ...	− 3	− 3	− 2	0	− 2	− 2	− 3	− 7	+ 1	+ 4	+ 3	+ 6	− 1
Negapatam ...	− 3	− 1	− 5	0	+ 2	0	+ 4	− 5	+ 5	+ 3	+ 3	+ 6	+ 1
Madura	− 5	− 2	− 1	+ 1	− 1	− 2	− 3	− 8	+ 2	+ 4	+ 7	+ 7	0
Cochin	+ 1	+ 5	+ 1	+ 1	0	− 1	− 4	− 5	− 2	− 1	0	+ 2	0
Colombo	− 1	− 7	− 3	+ 3	+12	− 1	− 3	− 3	− 6	− 6	− 4	− 6	− 2
Jaffna	+ 6	+ 2	+ 1	+ 5	+ 5	0	− 6	0	− 2	+ 7	+ 5	+ 6	+ 2
Trincomalee ...	+ 7	+ 4	+ 7	+ 3	+11	+ 5	+ 7	+ 1	+10	?	?	?	?
Batticaloa	− 2	+ 3	+ 1	+ 2	+ 2	+ 4	+ 3	+ 2	+ 3	+ 1	− 1	+ 1	+ 2
Hambantota ...	0	− 1	+ 1	+ 2	+ 4	+ 7	+ 4	+ 7	+ 4	+ 3	+ 1	+ 1	+ 3

TABLE XII.—*Comparison of mean monthly humidities in 1877 with the averages of Table XI*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Galle	− 4	− 3	0	0	0	− 1	− 1	+ 2	+ 1	+ 1	+ 2	+ 1	0
Kandy	−10	− 1	+ 8	+ 4	+ 2	+ 6	− 3	− 2	− 3	− 1	− 1	+ 1	0
Newara Eliya ...	− 1	+ 2	+ 4	− 1	− 2	+ 1	− 1	+ 3	0	− 1	+ 4	+ 4	+ 1
Akyab	− 1	− 3	− 1	− 4	− 6	+ 2	0	+ 4	0	− 2	+ 2	0	− 1
Port Blair	+ 8	+11	+ 2	− 1	+ 4	+ 6	+ 4	+ 5	+ 5	+ 6	+10	+ 14	+ 6
Nancowry	− 3	+ 3	+ 3	− 3	− 3	+ 2	+ 1	+ 4	+ 5	+ 4	+ 3	+ 5	+ 2

The leading facts indicated by the comparison table are, that during the north-east monsoon months from January to May the humidity was in excess over the whole of Northern and Central India. It was generally in defect in Western and Southern India (including the Deccan) during the same months. It was very considerably in defect during the whole of the south-west monsoon in Upper India. It was, on the other hand, slightly in excess in Burma, Arakan, and Bengal. It was in defect in Southern India during June, July, and August, but increased rapidly in September, when it was considerably in excess. It was below the average in Western India during this period. During the remainder of the year it was markedly in excess over the whole of India. The effect of these opposite variations of excessive moisture during the cold-weather months and unusual dryness in the rainy season was to give, on the whole, increased humidity for the year. This excessive humidity was most marked in the Punjab, Central Provinces, and the Berars. Hence the year, although one of drought and famine in Madras and Bombay, and of drought in the North-Western Provinces, was actually marked over a large portion of India by increased annual average humidity. This was, however, owing to the excessive irregularities of the year.

The month of January was characterized by excessive humidity in the Punjab, the North-Western Provinces, Behar, and the Central Provinces. The increase over this area varied from 30 to 50 per cent. The humidity of Bengal, Orissa, Assam, and Arakan varied very slightly from the normal amount. It was slightly below the average in the Deccan and Southern India and at several of the Ceylon stations.

February is generally a slightly drier month than January over the whole of India. The variations of the humidity of February 1877 were similar to those of the previous month. The humidity was excessive in the Punjab, North-Western Provinces, Behar, Rajputana, the Central Provinces, and the Berars. The excess, as in the previous month, ranged from 30 to 50 per cent. It was also generally above the average in Chutia Nagpur, Bengal, and Assam, but to a less extent than in Upper and Central India. The variations from the average were generally small in the Deccan, Southern India, and Ceylon, and, on the whole, indicate very slightly increased humidity. The variations at Port Blair and Nancowry indicate that the feature of increased humidity extended over the greater part of the Bay of Bengal.

During the month of March the humidity, as a rule, steadily decreases over the whole of India, except at stations along the seaboard, where the sea winds that set

in during the month give slightly increased humidity. The humidity of this month in 1877 was excessive over the same area as during the preceding months. The excess was even more marked, amounting at several stations to over 60 per cent. The variations in Bengal, Assam, and Orissa were generally small in amount, and different in character at different stations. The humidity was slightly in defect at the majority of stations in the Deccan and Southern India. It was, on the other hand, above the average at the Ceylon stations by small amounts.

The humidity in ordinary years decreases steadily during the month of April, and the siccity of the atmosphere becomes very marked in Upper India, Rajputana, Behar, and the Central Provinces. The sea breezes extend their influence to a greater distance from the coast, and the humidity of Bengal, Orissa, and of the Madras coast stations increases slowly, but steadily, during the month. The variations from the means were even more marked in April 1877 than they were for the previous three months in the Punjab and the Central Provinces. At several stations the excess was over a hundred per cent., so that the humidity was more than double its normal amount. It was also generally in excess in Bengal and Ceylon. In the Deccan and Southern India the air was, on the other hand, drier than usual. The returns of Port Blair, Nancowry, and Akyab indicate that over the south-east of the Bay the humidity was slightly below the average.

May is the month of greatest siccity in Upper India. The humidity at the period of maximum day temperature occasionally falls to 7 or 8 per cent. in the Punjab and North-Western Provinces. The greater part of this area is almost as bare and destitute of vegetation as a desert at this period of high temperature; and hence the differences of temperature and humidity between it and the adjacent desert area of Northern Rajputana are probably small in amount. The increased humidity due to the action of the sea winds extends during this month to Behar, Assam, and over the southern extremity of India. The humidity of the Punjab, Behar, and Central Provinces for this month in 1877 was again very considerably in excess by amounts varying from 40 to 80 per cent. It was also above the average in the North-Western Provinces, but to a much less extent than during the previous months. The humidity was slightly below the average at the majority of stations in Bengal, the Deccan, and Southern India. The humidity of the Ceylon stations was generally considerably above the average.

June was a month of transition from excessive humidity to unusual siccity in Upper India. The humidity of the Punjab was still considerably above the average. It now fell for the first time since the beginning of the year below the average at the great majority of stations in the North-Western Provinces. It was slightly in excess in Behar and at several stations in the Central Provinces. The variations in Bengal, the Deccan, and Southern India were generally inconsiderable in amount.

The south-west monsoon current in normal years sets in over the whole of India before the first or second week of July. The humidity of the whole of India, excepting the valley of the Indus, Northern Rajputana, and the Deccan under the lee of the Western Ghâts, is very high during the months of July and August. The humidity was very slightly in excess during these two months of 1877 in Behar, Bengal, Orissa, Ceylon, Arakan, the Andamans, and Nicobars. It was considerably in defect in the

Punjab, the North-Western Provinces, Rajputana, and to a less extent in the Bombay and Madras Presidencies and the Deccan. The humidity of the Central Provinces varied slightly from the average in July, but was above it in August. This was probably the first indication of the recurving of the Bombay coast monsoon current into the Deccan and Southern India, due to the high ridge of pressure in Central India, which formed a prominent feature of the months of September and October.

The humidity usually begins to diminish in the month of September. The decrease takes place slowly, and is most marked in the Punjab. The humidity is usually stationary in amount in the Deccan and Southern India. In September 1877 the dryness of the atmosphere in the North-Western Provinces was even more strongly marked than in the preceding months of July and August. The deficiency varied from 20 to 40 per cent., and was greatest at Agra. The humidity was also below the average in the western districts of the Central Provinces, in Behar, and Bombay. It varied very slightly from the average in Bengal, the eastern districts of the Central Provinces, Assam, Arakan, and probably Burma. The humidity of the Deccan and Madras, in consequence of an unusual influx of moisture, rose above the average for the first time during the year.

Humidity usually diminishes very considerably in October in the Punjab, the North-Western Provinces, Behar, the Central Provinces, the Berars, and Rajputana, the decrease in the amount of moisture proceeding at a more rapid rate than the decrease of temperature. It generally increases slightly with the setting in of the north-east monsoon along the Coromandel coast and in Southern India. The Punjab in October 1877 presented unusually great humidity. In the North-Western Provinces, Behar, and Bengal it varied slightly from the average, and was in excess at the majority of stations. The humidity of the Central Provinces and Berars was from 30 to 40 per cent. above the average. The excess was nearly as strongly marked in the Deccan and the Madras Presidency.

The mean humidity of the month of November presents similar features to that of October. In the North-Western Provinces, Behar, Bengal, Central Provinces, and the Berars it diminishes considerably, and to a less extent in the Deccan. It is almost stationary in Southern India and Ceylon. November 1877 was distinguished by increased humidity over the whole of India. The increase was greatest in the Punjab and Central Provinces.

The humidity of the Punjab and North-Western Provinces increases in December. The same fact of increased humidity is also shown by the majority of the stations in the Central Provinces. In Bengal, Bombay, Madras, and the Deccan the mean humidity for the month of December differs very slightly from that of November. The month of December 1877 was distinguished by the same features as the preceding month, but to a much greater extent. The humidity for the month was above the average over the whole of India. The excess was very considerable in the Punjab and the Central Provinces, where it averaged from 40 to 60 per cent., and in the North-Western Provinces and Behar, where it varied from 15 to 30 per cent.

Cloud.

Table XI (Appendix A) shows the mean proportion of cloud-covered sky as estimated at the hours of observation, an overcast sky being represented by 10 and a clear sky

by 0. With the exception of Lahore, Allahabad, Saugor Island, False Point, Bombay, Goa, and the Madras stations, these estimates represent the day cloud (at 10 hours and 16 hours) only; and since at most, if not all stations, the first half of the night is the diurnal period of greatest serenity and least cloud, the omission of night observations from the registers renders the averages slightly exaggerated. The difference, however, is not great, as is seen by a comparison of the mean values derived from the six-hourly observations at any of the stations above enumerated with those of the same place obtained from observations by the use of the 10 hours and 16 hours alone.

The subjoined table (XIII) has been drawn up from the registers of past years. It gives the average of the estimated cloud-proportion for 77 stations (17 more than were given in the report for 1877), *viz.*, 9 in Cashmere and the Punjab, 13 in the North-Western Provinces and Rajputana, 15 in Bengal, Assam, and Orissa, 13 in the Central Provinces, Berars, &c., 6 in Bombay and south-west coast of India, 10 in the Madras Presidency, 8 in Ceylon, 1 in Burma, and 2 in the islands of the Bay of Bengal.

TABLE XIII.—*Average proportion of clouded sky in each month, deduced from the registers of past years.*

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh	4	6·32	6·38	6·27	5·78	5·77	5·50	4·89	4·68	4·44	4·19	5·12	5·91	5·44
Murree	6	5·46	5·33	5·72	4·92	3·97	3·55	6·91	5·83	3·77	2·85	4·05	5·09	4·79
Rawalpindi	6	4·36	4·15	4·16	3·79	3·02	2·21	4·65	3·53	2·22	1·71	2·69	3·49	3·33
Sialkot	6	4·50	3·94	4·31	3·43	2·86	2·22	5·49	4·33	2·89	1·90	2·61	3·23	3·48
Lahore	6	3·34	3·71	3·14	1·96	2·67	3·33	4·82	3·64	1·77	1·28	2·02	2·44	2·84
Ludhiana	6	4·54	4·09	4·53	3·15	2·59	3·64	7·09	5·05	3·59	1·31	2·36	3·23	3·76
Delhi	3—4	4·66	3·16	3·30	2·25	1·92	2·76	5·44	5·40	4·14	1·00	1·25	2·08	3·11
Dera Ismail Khan ...	6	3·25	2·70	2·98	2·73	1·81	1·23	2·73	1·88	0·99	0·58	1·99	2·64	2·13
Mooltan	6	2·99	2·38	2·49	1·80	1·37	1·11	2·39	1·91	1·17	0·29	1·21	2·35	1·79
Ajmere	6—7	2·96	2·59	3·01	2·78	2·24	4·90	7·26	6·98	4·01	1·03	1·37	1·94	3·42
Chakrata	6—7	4·51	4·18	4·03	2·92	3·48	4·20	8·42	8·47	6·79	2·28	1·74	3·62	4·55
Dehra	6—7	4·08	3·55	3 58	2·77	3·06	4·36	7·62	7·29	4·83	1·08	1·33	2·74	3·86
Roorkee	6—7	3·16	3·17	2·54	2·10	1·91	3·03	6·36	6·03	4·58	0·99	0·82	2·18	3·07
Ranikhet	6—7	3·93	4·24	3·89	3·07	3·40	5·61	8·56	8·43	5·64	1·69	1·31	2·99	4·40
Meerut	5—7	2·93	2·20	2·54	1·91	2·03	3·14	7·03	6·15	4·98	0·87	0·65	1·82	3·02
Bareilly	6—7	3·17	2·62	2·54	1·48	1·76	3·78	6·88	6·93	4·50	0·73	0·72	1·85	3·08
Agra	6—7	1·73	2·05	1·54	1·19	1·09	3·32	5·68	5·68	3·86	0·62	0·55	1·23	2·38
Lucknow	6—7	3·46	3·27	3·12	2·39	2·11	4·86	7·67	7·06	5·62	1·61	0·92	2·37	3·71
Gorakhpur	5—7	2·18	1·93	1·47	1·17	1·75	4·10	5·74	5·75	4·74	1·61	0·64	1·12	2·68
Jhansi	3—7	0·83	0·68	0·21	0·66	0·79	1·88	5·00	4·43	2·40	0·19	0·34	0·40	1·48
Allahabad	7	2·18	2·17	1·77	1·24	1·68	4·18	8·03	7·38	5·46	1·19	0·67	2·09	3·17
Benares	6—7	2·54	2·11	2·28	2·00	2·23	4·77	7·57	7·55	5·48	2·17	0·94	1·94	3·47
Sibsagar	4	6·59	6·35	5·87	8·03	8·77	9·15	9·28	8·89	8·30	7·82	5·89	5·60	7·59
Goalpara	9	3·08	2·59	3·33	4·28	5·41	7·53	7·16	6·85	6·51	3·92	2·27	2·50	4·62

TABLE XIII.—*Average proportion of clouded sky in each month, deduced from the registers of past years*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Darjeeling	9	5·74	5·65	5·08	5·97	7·10	8·71	8·61	8·35	8·17	5·00	4·46	4·54	6·45
Purneah	3—4	1·96	1·05	2·11	?	4·38	6·23	7·75	6·97	6·04	3·44	0·85	1·53	?
Patna	8—9	2·82	2·39	3·50	2·57	2·71	6·20	8·05	8·03	7·15	3·61	1·58	2·15	4·23
Gya	6—8	1·57	1·67	1·98	1·58	2·10	6·11	7·25	7·56	6·03	3·15	1·33	1·93	3·52
Hazaribagh	8—9	2·66	1·93	2·95	2·86	3·19	7·16	8·78	7·94	7·24	4·21	1·83	2·13	4·41
Berhampore	8—9	2·69	2·19	3·29	3·73	5·04	8·04	8·67	8·54	8·06	4·81	2·52	2·04	4·97
Burdwan	4—5	2·05	2·01	2·79	2·66	3·59	6·93	7·67	7·41	6·45	4·29	2·38	1·60	4·15
Jessore	9	1·65	1·57	2·56	3·11	3·94	7·02	7·70	6·89	6·57	4·26	1·76	1·05	4·01
Dacca	9	1·59	1·97	3·23	4·58	5·17	7·57	8·40	7·76	6·89	4·07	1·79	0·95	4·50
Silchar	8—9	2·65	2·94	4·09	4·98	5·39	7·03	7·27	7·25	6·68	4·33	2·82	2·44	4·82
Chittagong	9	1·10	1·49	2·58	3·79	4·41	7·05	7·31	6·73	6·15	3·91	2·07	1·43	4·00
Saugor Island	8—9	1·87	1·81	3·89	5·10	5·60	7·58	7·90	7·21	6·48	4·47	2·30	1·58	4·65
Cuttack	9	1·82	1·61	2·41	3·28	3·72	6·56	7·36	6·57	5·80	4·11	1·81	1·35	3·87
Sambalpur	7	1·07	1·23	1·31	1·34	1·52	3·33	4·76	4·67	3·52	2·08	1·56	1·66	2·34
Raipur	9	1·49	0·97	1·87	2·13	3·25	5·77	7·68	7·16	5·78	2·69	1·12	1·46	2·45
Nagpur	9	2·69	1·78	2·80	3·14	4·37	6·92	8·38	8·08	7·26	4·12	2·42	3·05	4·58
Seoni	7—9	4·65	4·83	4·02	4·67	3·92	3·93	4·35	4·06	3·73	4·75	4·46	4·58	4·33
Jubbulpore	9	2·64	2·19	2·68	2·39	3·46	6·54	8·48	7·97	6·38	2·68	1·60	2·44	4·12
Saugor	7—8	1·16	0·74	0·80	1·01	1·19	3·61	5·96	5·35	3·62	0·80	0·73	0·84	2·15
Pachmarhi	7	2·21	1·63	1·82	2·09	2·53	6·09	7·78	7·54	6·84	2·47	1·49	2·59	3·76
Hoshangabad	7—8	2·06	1·42	2·04	2·49	2·74	5·99	7·96	7·27	5·83	2·08	1·24	1·68	3·57
Khandwa	4—7	1·42	1·48	1·38	1·87	1·83	5·60	7·72	7·16	4·27	1·38	1·11	2·12	3·11
Buldana	3	?	?	2·10	2·14	?	?	?	?	?	?	?	3·83	?
Akola	3	2·13	3·52	1·67	1·63	1·86	6·02	8·16	7·35	5·63	3·16	1·12	2·91	3·78
Amraoti	3	2·15	1·69	2·21	2·21	3·06	6·62	8·35	7·88	6·80	3·98	1·17	3·58	4·14
Chanda	7—8	2·65	2·42	2·91	3·51	4·60	7·46	9·27	8·50	7·56	4·25	2·63	3·17	4·91
Kurrachee	3	3·32	3·03	4·51	2·57	2·26	4·82	8·37	7·10	4·73	1·00	2·77	2·40	3·91
Deesa	3	2·50	1·77	3·03	1·55	1·47	3·66	7·59	7·07	5·65	1·54	1·82	1·66	3·28
Bombay	27	1·61	1·36	1·88	2·41	4·09	7·80	8·86	8·70	7·30	4·37	2·18	1·79	4·36
Poona	3	2·29	2·36	3·24	2·90	3·40	8·37	9·55	9·26	8·60	5·63	2·43	4·78	5·23
Belgaum	3	1·79	1·44	2·09	2·27	3·25	7·35	8·37	8·31	?	5·33	2·53	3·14	?
Goa	3	1·46	1·29	2·60	3·18	5·20	8·93	9·08	8·33	7·53	5·72	2·43	3·60	4·96
Vizagapatam	8	1·86	1·56	1·69	2·70	4·14	5·81	6·12	6·31	5·58	4·80	2·76	2·17	3·79
Secunderabad	3	1·57	0·96	1·62	1·36	1·77	4·26	5·26	4·46	4·14	3·28	1·82	2·17	2·72
Masulipatam	3	3·33	3·36	3·57	3·81	4·90	6·19	6·65	6·55	6·23	5·15	3·69	3·35	4·73
Bellary	3	2·49	1·59	3·17	3·88	5·40	7·94	8·11	7·88	7·87	6·41	4·11	3·52	5·20
Bangalore	3	3·17	2·32	3·71	3·93	5·11	6·24	6·56	6·48	6·23	5·57	4·39	3·97	4·80

TABLE XIII.—*Average proportion of clouded sky in each month, deduced from the registers of past years*—concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Madras	3	3·58	2·75	2·44	3·13	4·11	6·23	6·88	5·71	6·32	5·74	6·05	5·03	4·83
Salem	3	2·93	1·68	3·24	4·75	5·92	6·78	6·81	6·87	7·03	6·99	5·69	4·76	5·29
Coimbatore	3	3·81	2·25	3·88	5·04	6·07	7·16	6·68	6·33	6·03	6·70	5·89	4·50	5·36
Trichinopoly	3	3·94	2·62	3·46	4·39	6·05	7·23	7·70	8·15	7·95	7·91	7·47	6·32	6·10
Negapatam	3	4·81	3·80	3·24	3·99	4·98	5·15	5·14	5·39	5·27	6·55	6·91	6·13	5·11
Madura	3	4·03	3·14	3·98	4·65	5·24	5·19	5·20	5·21	4·92	5·42	5·21	4·89	4·76
Cochin	3	2·11	1·63	2·34	3·23	4·89	7·79	6·73	5·50	4·83	6·28	4·91	3·26	4·46
Colombo	7—8	4·84	4·22	4·79	5·64	6·47	7·67	6·51	6·86	6·69	6·44	6·04	5·50	5·97
Jaffna	7	4·00	2·69	2·29	3·56	3·83	5·36	4·94	5·17	4·74	5·29	6·39	5·60	4·49
Trincomalee	7—8	5·83	4·57	3·94	4·29	4·94	6·56	5·82	5·65	5·85	5·90	6·01	6·31	5·47
Batticaloa	7—8	6·61	5·86	4·92	5·49	5·40	6·99	6·76	6·75	6·24	6·32	6·95	6·16	6·20
Hambantota	8	6·64	6·19	5·79	6·95	7·00	8·12	7·80	7·99	7·61	7·42	7·54	6·36	7·12
Galle	8	5·89	5·16	5·31	6·41	7·02	7·52	6·85	7·14	6·92	7·19	6·84	6·09	6·53
Kandy	8	4·94	4·16	4·41	5·62	5·62	6·80	6·41	6·39	5·69	5·42	5·79	5·81	5·59
Newara Eliya	7—8	4·40	3·30	3·87	4·57	5·46	8·04	7·46	6·61	5·99	6·03	5·31	4·94	5·50
Akyab	7—9	1·50	0·99	1·88	3·21	5·43	8·13	8·45	7·78	6·99	5·02	2·98	2·08	4·54
Port Blair	8—9	3·07	3·10	2·91	3·96	5·47	6·29	6·70	6·62	6·38	5·48	4·47	3·77	4·85
Nancowry	4—5	4·63	4·13	4·45	4·93	6·39	7·81	6·81	6·80	6·27	6·54	6·14	5·02	5·83

Table XIV shows the differences between the mean cloud-proportion in each month of 1877 and the corresponding means of Table XIII.

TABLE XIV.—*Comparison of the mean cloud-proportion in each month of 1877 with the averages of Table XIII.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh	+1·68	−1·24	+0·39	+1·82	+1·07	+1·40	−0·16	−1·05	−0·06	+1·94	+1·86	+2·07	+0·81
Murree	+2·36	+0·04	+0·70	+2·41	+0·82	−0·08	−3·23	−3·24	−0·71	+2·54	+2·92	+3·10	+0·64
Rawalpindi ...	+1·82	+0·26	−0·23	+1·44	+0·35	−0·29	−2·49	−1·42	+0·33	+2·32	+2·64	+3·40	+0·68
Sialkot	+1·79	+0·13	+0·03	+1·29	+0·53	−0·30	−2·78	−2·27	−0·86	+1·29	+2·17	+3·09	+0·34
Lahore	+1·58	+3·23	+3·47	+1·86	−0·04	+3·33	−1·83	−1·69	−0·36	+0·94	+1·67	+2·44	+1·22
Ludhiana	+1·39	−0·48	+0·50	+1·30	+0·17	−0·74	−2·87	−2·60	−1·96	+1·59	+1·76	+2·51	+0·05
Delhi	+0·23	−0·20	+0·78	+1·83	+0·32	+0·31	−2·25	−3·11	−2·54	+1·32	+1·00	+1·45	−0·07
Dera Ismail Khan ...	+1·83	+0·41	0	+1·92	+0·33	+2·07	−1·25	−1·46	+0·37	+0·97	+1·72	+2·18	+0·76
Mooltan	+1·07	+0·01	+1·41	+2·16	+0·31	−0·79	−1·99	−1·65	−0·12	−0·13	+0·46	+1·21	+0·16
Ajmere	+2·88	+0·10	+1·28	+2 21	+2·13	−1·83	−2·97	−2·98	+0·14	+2·07	+1·13	+1·74	+0·49

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TABLE XIV.—*Comparison of the mean cloud-proportion in each month of 1877 with the averages of Table XIII*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Chakrata	+0·79	−1·09	+1·75	+2·22	+0·35	+0·07	−1·92	−1·13	−1·80	+1·82	+2·18	+3·05	+0·52
Debra	+0·47	−0·03	+2·26	+2·15	−0·07	−1·82	−2·89	−3 17	−2·55	+1·84	+1·29	+2·71	+0·02
Roorkee	+1·91	+0·13	+2·12	+1·68	−0·01	−0·91	−2·07	−2·95	−2·51	+1·08	+0·95	+1·60	+0·09
Ranikhet	+1·56	−0·70	+1·92	+1·87	+0·92	−0·97	−2·06	−2·38	−3·05	+1·23	+0·73	+1·66	+0·06
Meerut	+1·35	+0·71	+1·06	+0·93	−0·51	−1·50	−3·70	−4·10	−3·98	+0·94	+0·79	+1·50	−0·54
Bareilly	+1·72	+0·53	+1·98	+1·86	+0·29	−0·89	−2·52	−3·36	−3·30	+1·17	+0·97	+1·86	+0·03
Agra	+1·95	+0·11	+1·33	+1·38	+0·51	−0·66	−1·89	−3·51	−1·56	+1·14	+0·20	+1·32	+0·03
Lucknow	+1·69	−0·43	+1·67	+1·40	+0·64	−1·61	−1·12	−1·35	−2·03	+1·55	+0·49	+1·63	+0·21
Gorakhpur ...	+0·13	+0·11	+0·74	+0·22	+0·28	−1·40	−1·27	−1·72	−1·89	+1·50	+0·21	+2·42	−0·06
Jhansi	+1·09	−0·43	+0·12	?	−0·53	−1·18	−3·71	−3·40	−1·53	+0·33	−0·14	+0·83	?
Allahabad	+1·80	+0·06	+1·76	+2·01	+1·85	+0·74	−1·70	−2·14	−3·04	+1·52	−0·07	+0·86	+0·30
Benares	+2·11	+1·04	+2·19	+1·67	+1·50	−0·95	−0·15	−0·69	−1·28	+2·00	+0·35	+2·51	+0·86
Sibsagar	−0·94	−1·24	+2·34	+0·22	+0·39	+0·13	+0·54	−0 83	+0·68	+0·41	+0·48	+1·58	+0·31
Goalpara	−1·02	−0·50	−0·81	−1·20	−0·67	−1·18	+0·76	−1·45	+0·89	−0·29	−0·72	+0·94	−0·44
Darjeeling ...	−1·18	+0·83	+0·16	+1·31	+0·98	+0·09	+0·89	−0·17	+0·71	+0·58	−0·58	+0·94	+0·38
Purneah	+0·62	+0·08	+0·24	?	−1·22	−2·05	−0·40	−1·94	−1·84	−0·86	−0·67	+0·78	?
Patna	+2·92	+0·81	+1·68	+2·11	+2·10	−0·25	+0·90	+0·32	−0·90	+1·47	−0·01	+3·30	+1·20
Gya	+1·77	+0·94	+0·44	−0·60	+1·69	−0·18	+0·85	+0·89	−0·90	+2·17	+0·42	+3·07	+0·88
Hazaribagh ...	+2·19	+0·78	+1·50	+2·66	+1·54	−0·09	+0·72	+1·29	−1·46	+1·10	−0·35	+3·01	+1·07
Berhampore ...	+1·07	+0·85	+0·76	+1·07	−0·98	−0·97	+0·39	−0·09	−1·01	+0·92	+0·13	+1·23	+0·28
Burdwan	+1·11	+0·70	+0·81	+1·53	0	−0·80	+1·00	+0·36	−0·30	−0·44	−0·48	+1·48	+0·41
Jessore	+1·38	+1·04	+1·36	+1·12	+0·12	+0·41	+0·56	+1·14	+0·46	−0 41	+0·87	+1·26	+0·78
Dacca	+1·30	+0·54	+1·50	+0·33	−0·19	−0·64	+0·83	−0·11	+0·64	+0·28	+1·04	+1·47	+0·58
Silchar	+1·46	+0·40	+1·59	+1·97	+1·13	+1·15	+1·94	+0·27	+0·54	−2·23	+0·15	+1·74	+0·84
Chittagong ...	+0·35	+1·37	+0·16	+0·55	+0·49	+1·13	+1·01	+0·93	+1·50	+0·34	+1·35	+0·33	+0·84
Saugor Island ...	+0·91	+1·37	+0·76	−0·25	−0·84	−0·35	+0·33	+0·44	−0·22	−0·17	+0·41	+1·49	+0·32
Cuttack	+1·20	+3·32	+0·91	+1·55	+0·68	+0·37	+0·74	+1·67	+0·78	+1·00	+0·89	+2·13	+1·27
Sambalpur ...	+1·45	+1·27	+1·50	+3·81	+3·56	+3·70	+2·32	+3·88	+2·80	+2·69	+0·44	+2·42	+2·49
Raipur	+1·35	+1·42	−0·68	+1·30	+0·38	−0·80	−1·00	+0.11	−2·15	+1·83	+0·28	+2·78	+0·40
Nagpur	+2·29	+2·59	+1·46	+1·46	+0·53	−0·66	+0·06	−0·06	−0·66	+2·51	−0·22	+3·48	+1·06
Seoni	−0·21	−2·92	−2·31	−2·64	−2·24	−1·75	−2·19	−1·61	−1·96	−2·78	−2·96	−1·16	−2·06
Jubbulpore	+2·41	+0·63	+1·09	+2·61	+1·31	−0·86	−1·15	−0·62	−2 25	+1·13	−1·37	+1·88	+0·40
Saugor	+0·70	+0·49	+1·10	+1·56	+0·84	−0·61	−1·25	−1·64	+0·45	+2·10	−0·43	+1·30	+0·38
Pachmarhi... ...	+3·13	+1·35	+1·97	+2·43	+1·55	−0·51	+0·35	+0·51	−0·81	+2·84	−0·12	+3·38	+1·34
Hoshangabad ...	+1·20	+0·35	+0·75	+1·13	+0·65	−0·61	−0·64	−0·17	−1·60	+1·60	−0·74	+1·40	+0·28
Khandwa	+2·08	+0·47	+1·73	+2·41	+1·35	+0·52	−0·16	−0·31	−0·67	+2·52	−0·34	+1·41	+0·92
Buldana	?	?	+1·58	+2·66	?	?	?	?	?	?	?	+2·02	?
Akola	+1·50	+4·93	+0·70	+0·97	−0·73	−0·90	−1·35	−1·12	−1·28	+0·98	−0·62	+1·77	+0·40

TABLE XIV.—*Comparison of the mean cloud-proportion in each month of 1877 with the averages of Table XIII*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.	Year.
Amraoti	+2·44	+1·77	+1·19	+1·76	+1·04	−0·49	−0·12	−0·27	−0·58	+2·39	+0·66	+2·53	+1·03
Chanda	+1·24	+2·13	+1·35	+1·62	−0·05	−1·36	−1·59	−0·48	−2·23	+1·73	−0·91	+2·28	+0·31
Kurrachee	+1·96	−1·06	−0·57	+1·84	+0·86	−0·02	−0·80	−2·18	−0·26	−0·19	−0·32	+0·31	−0·04
Deesa	+2·34	−0·95	+0·09	+1·25	+1·15	−0·19	−0·86	−1·28	−1·08	+0·42	−0·49	+0·12	+0·04
Bombay	−0·24	+0·04	+0·31	−0·03	−1·19	−1·96	−2·73	−2·82	−1·77	+0·31	−1·27	+1·99	−0·78
Poona	+0·91	+0·45	+0·73	+1·22	+0·83	−0·02	−0·50	−0·47	+0·20	+2·99	+0·29	+1·87	+0·71
Belgaum	+0·13	+0·65	−0·05	+0·23	+0·04	−0·15	−0·71	+0·11	?	+2·94	+0·47	+1·30	?
Goa	−0·09	+0·98	+0·50	−0·93	−0·90	−0·23	−0·83	+0·17	+0·27	+2·75	+0·97	+1·90	+0·38
Vizagapatam ...	+0·90	+2·83	+0·37	+0·33	−0·13	+0·30	−3·26	+0·82	−0·22	−0·39	−0·01	+0·35	+0·16
Secunderabad ...	+1·06	+1·45	+0·74	+0·79	+0·19	−1·31	−1·97	−0·90	−0·48	+0·95	+0·82	+1·86	+0·27
Masulipatam ...	+0·03	+0·90	+0·04	−0·10	−0·26	−0·69	−0·82	−0·70	−0·39	+0·71	+0·33	+0·27	−0·06
Bellary	−0·14	+0·52	−0·41	+0·11	−0·33	−0·36	−1·28	−0·73	0	+1·50	+0·59	+1·12	+0·04
Bangalore	−0·01	+0·70	+0·03	+0·51	+0·27	−0·20	−0·75	−0·35	+0·50	+0·93	+0·89	+1·17	+0·31
Madras	+0·36	+0·79	+0·41	+0·59	+0·60	−0·46	−0·82	−1·86	+0·16	−0·03	+1·13	+0·66	+0·13
Salem	−0·37	+1·11	+0·26	+0·54	+0·07	+0·22	−0·89	−0·52	+0·46	+0·59	+0·94	+1·86	+0·36
Coimbatore ...	0	+0·80	−0·20	+1·03	+0·61	+0·31	−1·59	−1·13	+0·39	−0·25	+0·60	+1·18	+0·15
Trichinopoly ...	+0·47	+1·07	+1·55	+1·90	+0·17	+0·27	−0·09	−0·55	+0·59	+0·17	+1·35	+1·44	+0·69
Negapatam ...	+0·08	+0·75	+0·70	+0·57	+0·64	−0·20	−0·40	−0·67	+1·21	+0·79	+0·69	+1·02	+0·42
Madura	−0·27	+0·26	+0·08	+0·37	+0·45	0	−0·47	−0·19	+0·52	+0·30	+0·46	+0·99	+0·21
Cochin	−0·28	+0·11	−0·44	−1·57	−1·09	−0·30	−1·69	+0·37	+1·23	−0·46	−0·22	+0·71	−0·30
Colombo	−1·24	−0·42	−0·29	+0·16	−0·47	+0·63	+0·29	−0·54	+0·81	+0·66	+0·96	+0·40	+0·17
Jaffna	−1·10	−0·69	+0·01	+0·14	+0·27	−0·46	+0·16	−1·57	−0·34	−0·19	+0·61	+1·00	−0·18
Trincomalee	−1·83	−2·07	−1·34	−1·49	−0·04	−0·26	−0·42	−0·85	+0·15	−1·30	−0·01	−0·31	−0·81
Batticaloa	−0·91	−0·16	+0·38	+0·81	+1·40	−0·89	−0·86	−0·75	+0·46	−0·82	+0·05	+0·84	−0·04
Hambantota ...	−1·04	+1·91	+0·51	+0·25	+1·40	+0·48	−1·30	+0·71	+0·29	+0·08	+0·46	+0·84	+0·38
Galle	−1·99	−0·76	−0·81	−1·21	+0·28	−0·22	−2·65	+0·06	+0·18	−0·79	+0·16	−0·59	−0·70
Kandy	−1·84	−1·16	+0·09	−0·02	+1·08	−0·80	−1·21	−0·49	+0·61	−0·02	+0·21	+0·49	−0·26
Newara Eliya ...	−1·90	−1·80	−1·17	−1·77	−0·06	−0·14	−2·26	+0·79	+0·51	−0·53	+0·69	+0·16	−0·62
Akyab	+0·93	+1·30	+0·02	+0·59	−0·25	+0·49	+0·73	+0·77	+0·11	+0·14	+0·15	+1·58	+0·55
Port Blair	−0·54	+2·90	+1·28	+1·32	+2·72	+2·93	+1·70	+2·20	+1·42	+1·12	+1·56	+2·65	+1·77
Nancowry	+0·60	+0·53	+0·45	−1·05	−1·07	−0·89	−0·92	+0·81	−0·14	+0·14	−0·37	+0·16	−0·15

The following gives the more important facts respecting the cloud amount during the year.

In the month of January the sky was much more clouded than usual. The amount of cloud was considerably in excess over the whole of Northern India, excepting Assam. The increased cloud amount was most strongly marked in the Central Provinces, where it was at the majority of stations double the average for the month. It was slightly in excess in the Deccan and Madras. It was in defect in the extreme south of India and in Ceylon.

The average amount of cloud for February in Upper India varied by small amounts from the mean and was generally in excess. It was exceptionally large at Lahore, where the mean for the month was 6·9, or nearly double the average of previous years (3·7). In Behar, Bengal, Chutia Nagpur, Orissa, the Central Provinces, the Deccan, and in Bombay and Madras, it was generally in excess. The increased cloud amount was proportionately greatest in the Berars, Central Provinces, and Orissa, where it was from two to three times the average of previous years.

The amount of cloud during the month of March was in excess at the great majority of stations. The only important exceptions are Goalpara, Seoni, and Kurrachee, and the Ceylon stations. The excess was proportionately greatest in the Punjab and the North-Western Provinces, and ranged from 50 to 120 per cent. above the mean.

April was a very cloudy month over the whole of India, except at stations in Ceylon and on the Coromandel coast. The excess ranged from 50 to 100 per cent. above the average in the Punjab, and from 50 to 150 per cent. in the North-Western Provinces. Seoni and Goalpara, if the estimates of cloud amount of the observers at these two stations may be trusted, were remarkable local exceptions to the general fact of increased cloud amount during the month. The average amount for Seoni for previous years is 4·67, whilst the average for April 1877 was only 2·0. The excess of cloud was very considerable in the Central Provinces. At several of the stations it was from 50 to 150 per cent. above the average, whilst at Sambalpur it was very nearly four times the normal amount. The excess was less considerable in Sind, Guzerát, Rajputana, the Deccan, and Southern India. The amount of cloud was in defect at the three stations of Bombay, Goa, and Cochin on the Malabar coast.

The average amount of cloud for the month of May was in excess at the majority of stations. The increase in the amount of cloud was inconsiderable in the Punjab, the western districts of the North-Western Provinces, in Bengal and Assam, and in the Deccan and Southern India. The excess was proportionately greatest in the eastern districts of the North-Western Provinces, Behar, and Chutia Nagpur, where it was from 50 to 100 per cent. above the normal amount. It was also considerably in excess in the Central Provinces. The most remarkable local exceptions to the general fact of increased cloud amount were Seoni, Bombay, Purneah, and Goalpara.

The month of June was a transition month from one combination of abnormal meteorological conditions to another combination. The changes in the distribution of the amount of cloud indicate this fact. The average amount of cloud during the month was in defect, generally by small amounts over the whole of India, excepting Eastern Bengal, Arakan, and the Andamans. The most remarkable local exceptions were Lahore, where it was 3·3 in excess, Dera Ismail Khan, where it was 2·1 in excess, and Sambalpur in the Central Provinces, where it was 3·7 in excess. The deficiency in the amount of cloud was most marked in the North-Western Provinces.

The amount of cloud during the month of July was below the average, excepting in Behar, Bengal, Orissa, Assam, Arakan, and the Andamans. The excess, although general over the area, was not large in amount. The deficiency in the cloud amount was proportionately greatest in the Punjab, North-Western Provinces, Rajputana, Sind, Guzerat, and the Malabar coast, and averaged 2·0 over the whole of the area. It was

relatively greatest in the central and eastern parts of the area. At Jhansi the defect was 3·71, the average for the month being 5·0. At Ajmere the amount of cloud was 4·3 instead of 7·3, at Meerut it was 3·3 instead of 7·0, and at Murree 3·7 instead of 6·9.

The distribution of the amount of cloud for the month of August is usually similar to what it is during the month of July. In August 1877 it was slightly in excess in Behar, Bengal, Orissa, Assam, Arakan, the Andamans, and Nicobars, and in defect elsewhere, with a few local exceptions, the most important of which are Sambalpur, Vizagapatam, and Pachmarhi. The deficiency was relatively greatest in the North-Western Provinces and along the coast of Sind, Guzerat, and Bombay. It amounted to 3·5 at Agra, 3·4 at Jhansi, 4·1 at Meerut, 3·2 at Murree, and 2·8 at Bombay.

The amount of cloud for the month of September was in defect over the whole of India, excepting Eastern Bengal, Assam, the Andamans, the Malabar coast, Orissa, the Deccan, Southern India, and Ceylon. The excess was nowhere large, except at Sambalpur, where it was 2·8 for the month. The deficiency of cloud was greatest in the North-Western Provinces and Punjab, where it ranged from one-half to one-third the normal average for the month.

The average cloud proportion for the month of October was in excess for all stations, with the exception of Seoni, Silchar, Goalpara, Purneah, the Ceylon stations, and one or two others. The increase was proportionately greatest in the Punjab, North-Western Provinces, Behar, and Central Provinces. In the North-Western Provinces the mean cloud proportion of previous years ranges from 0·2 at Jhansi to 2·3 at Chakrata. During the month of October 1877 it varied from ·5 at Jhansi to 4·2 at Benares; similarly, in the Central Provinces, its normal range is from 1·4 at Khandwa to 4·7 at Seoni, whereas its range in October 1877 was from ·2 at Seoni to 6·6 at Nagpur.

The sky of India is usually freest from cloud in Northern India during the month of November. The year 1877 was no exception to the general rule. The cloud proportion was least for the month of November in the North-Western Provinces, Behar, Chutia Nagpur, the Central Provinces, and the Berars. In the Deccan, Madras, and Southern India the amount of cloud was generally considerable. It was in excess in November 1877 at the stations in the Punjab, North-Western Provinces, Eastern Bengal, and over the Deccan, Madras, and Southern India. The excess was proportionately greatest in Cashmere and the Punjab and the North-Western Provinces. The mean cloud proportion for November was, on the other hand, slightly in defect in Behar, Western and Northern Bengal, and along the Bombay and Malabar coasts. The sky was unusually clear at Bombay.

December was a very cloudy month. The exceptions to increased cloud amount were all local. The most important are Bombay, Seoni, Goalpara, and Cochin, the majority of the Ceylon stations, and Nancowry. The excess in the Punjab and North-Western Provinces varied from 50 to 100 per cent. of the means of previous years. In Behar and Chutia Nagpur the excess averaged 150 per cent. In the Central Provinces and the Berars, omitting two exceptional stations, the increased amount ranged from 80 to 200 per cent. The increase in the cloud amount was thus proportionately greatest in Behar, Chutia Nagpur, the Central Provinces, and the Berars. The excess in the Deccan and Madras was generally small in amount.

It will be seen from the above remarks that during the first five months the cloud proportion was generally in excess over the whole of India, excepting Ceylon. The excess was relatively greatest in January and April, more especially in the Punjab, North-Western Provinces, Behar, and Central Provinces. It was also excessive in the North-Western Provinces in the month of March, and in the Central Provinces in the month of May. The month of June introduced a new set of conditions, and the cloud proportion differed by small amounts from the average during this transitional period, but was generally in defect. During the rains (from July to September) the cloud proportion was slightly in excess in Bengal, Behar, Arakan, Burma, and the Andamans. It was in defect over the rest of India. The deficiency was very considerable in the Punjab during the months of July and August; in the North-Western Provinces, Central Provinces, and Bombay from July to September; in the Deccan, Madras, Southern India, and Ceylon in July and August. Over the Deccan, Madras, and Southern India there was a slight excess in the amount of cloud during the month of September. During the cold-weather months it was in excess over the whole of India, with very few exceptions, the most notable being the Central Provinces during the month of November.

Amongst the most remarkable local exceptions in the distribution of the amount of cloud were Sambalpur, Cuttack, Chittagong, and Port Blair, characterized by excessive cloud proportion throughout the year, and Seoni by deficiency in the amount of cloud during the whole year.

RAINFALL.

Table XII in the Appendix gives the rainfall of 1877 at 311 stations (37 more than in 1876), which represent fairly the distribution of rainfall over India proper, with the exception of Central India and Rajputana. The stations are distributed as follows:

34 in the Punjab and Cashmere.	21 in the Central Provinces.
8 in Rajputana and Central India.	4 in the Berars.
40 in the North-Western Provinces.	51 in Bombay.
12 in Oudh.	50 in Madras.
3 in Bhagelkand.	1 in Hyderabad.
49 in Bengal.	12 in Ceylon.
11 in Assam.	13 in Burma.

2 in the Bay Settlements or Islands.

As compared with last year, Oudh is now fully represented; Burma and Ceylon are very fairly represented. The only districts in India for which the rainfall returns are not adequate are Rajputana, Central India, and certain portions of the Deccan and the hilly tract between the Godavari and Orissa. The rain gauges in use in Bengal, Madras, and the Central Provinces, and at the meteorological observatories in the North-Western Provinces, the Punjab, and Bombay, are those of Symon's pattern, 5 inches in diameter. They are placed on the ground, the mouth being about 1 foot above the ground. At the minor stations in the Punjab, the North-Western Provinces, and Bombay other forms of gauge are used, chiefly Fleming's float gauge, the mouth of which is 3 feet above the ground. The rainfall of the regular meteorological stations is measured at 6 P.M. (or in certain cases at 4 P.M.). Respecting the practice at the minor rainfall stations I have no exact information.

Table XIII (Appendix A) gives the number of days on which rainfall has been measured at 239 stations, *viz.*, for all that are enumerated in Table XII (Apppendix A) in the provinces of the Punjab, Rajputana, the North-Western Provinces, Bengal, Assam, Madras, Ceylon, Burma, and the Bay Settlements, and for 11 in the Central Provinces, 4 in Berar, and 6 in Bombay.

The subjoined table (XV) gives the average monthly and annual rainfall as deduced from the registers of past years (so far as they are available) of 306 stations, including—

33 in the Punjab.
6 in Central India and Rajputana.
39 in the North-Western Provinces.
12 in Oudh.
3 in Bhagelkand.
49 in Bengal.
11 in Assam.
21 in the Central Provinces.
4 in the Berars.
50 in Bombay.
50 in Madras.
1 in Hyderabad.
12 in Ceylon.
13 in Burma.
2 in the Bay Settlements.

Table XVI shows the differences of these averages and the corresponding averages for the year 1877.

TABLE XV.—*Average monthly and annual rainfall of 306 stations.*

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
PUNJAB ...	Delhi	24—26	0·92	0·60	0·71	0·38	0·78	2·92	8·55	6·72	4·88	0·54	0·09	0·33	27·42
	Gurgaon ...	23—24	0·78	0·34	0·55	0·35	0·86	2·73	9·75	6·78	5·68	0·51	0·03	0·34	28·70
	Karnal ...	21—22	1·27	1·38	1·02	0·36	1·03	4·19	10·32	6·34	3·62	0·50	0·07	0·41	30·51
	Hissar	23—24	0·57	0·55	0·49	0·26	0·68	2·28	4·84	3·89	2·27	0·29	0·06	0·36	16·54
	Rohtak ...	21—22	0·66	0·56	0·56	0·25	0·71	2·87	6·27	4·34	3·43	0·47	0·03	0·38	20·53
	Sirsa ...	26—27	0·67	0·36	0·49	0·38	0·58	2·38	3·51	3·40	2·05	0·27	0·03	0·34	14·46
	Murree (Observatory)	3	0·03	1·54	2·77	4·02	3·16	2·24	13·43	12·59	4·48	5·43	4·71	2·44	56·84
	Umballa ...	25—26	1·41	1·38	1·01	0·63	1·03	4·18	11·53	8·75	4·57	0·84	0·14	0·71	36·18
	Ludhiana ...	15—16	1·05	1·19	1·47	0·59	0·89	2·03	8·16	5·97	4·13	0·81	0·05	0·74	27·08
	Simla ...	16—17	1·54	1·85	3·68	3·59	4·27	8·40	19·23	17·34	6·44	1·36	0·12	0·79	68·61
	Jullundur ...	24—25	1·50	1·43	1·08	0·61	0·80	2·18	8·12	6·51	4·04	0·66	0·11	0·62	27·66
	Hoshiarpur ...	20—21	2·23	1·64	1·54	0·80	0·91	3·41	9·92	9·50	4·58	0·44	0·08	1·40	36·45
	Dharmsala ...	16—17	4·40	5·06	4·73	2·23	2·53	10·74	40·26	36·95	11·74	1·62	0·39	2·56	123·21
	Amritsar ...	17—18	1·06	1·18	0·86	0·67	0·83	1·72	8·09	6·21	2·57	0·67	0·29	0·77	24·92
	Sialkot ...	16—17	1·24	1·78	2·09	1·73	0·91	2·52	13·49	10·22	3·23	0·62	0·54	0·96	39·33
	Gurdaspur ...	20—21	1·60	1·99	1·78	0·58	0·74	3·70	9·58	7·07	3·85	0·82	0·21	1·17	33·09
	Lahore ...	16—17	0·68	1·03	0·92	0·44	0·78	1·21	6·73	4·07	2·03	0·64	0·09	0·66	19·28
	Ferozepur ...	22—23	1·34	0·93	0·77	0·58	0·56	2·60	7·54	5·95	2·57	0·55	0·06	0·51	23·96
	Gujranwala ...	23—24	1·50	1·31	1·16	0·85	0·68	1·39	8·70	6·39	2·08	0·54	0·17	0·71	25·48
	Rawalpindi ...	17—18	2·28	1·81	2·32	2·05	1·18	1·67	7·70	6·77	3·19	0·62	1·04	1·37	32·00
	Jhelum ...	16—17	1·59	1·49	1·68	1·12	0·54	1·82	7·25	5·32	2·01	0·62	0·26	0·99	24·69

TABLE XV.—*Average monthly and annual rainfall of 306 stations*—continued.

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
PUNJAB—*contd.*	Gujrat ...	15—16	1·90	1·74	2·83	1·56	0·66	2·38	9·37	7·73	2·91	0·65	0·20	0·89	32·82
	Shahpur ...	22—23	0·78	0·91	0·96	0·66	0·56	1·26	3·46	3·54	1·40	0·18	0·23	0·51	14·45
	Mooltan ...	16	0·32	0·24	0·53	0·44	0·40	0·27	2·10	1·10	0 90	0·16	0·07	0·31	6·93
	Jhang ...	15—16	0·38	0·43	1·07	0·58	0·52	0·88	4·13	2·25	0·93	0·29	0·08	0·49	12·03
	Montgomery ...	17—18	0·52	0·71	0·58	0·23	0·35	0·90	2·92	2·26	1·01	0·22	0·06	0·29	10·05
	Muzaffargarh ...	17—18	0·34	0·29	0·42	0·42	0·41	0·29	1·16	1·46	0·81	0·09	0·09	0·38	6·16
	Dera Ismail Khan ...	15—16	0·43	0·93	0·94	0·69	0·38	0·66	1·32	1·38	0·76	0·16	0·15	0·43	8·23
	Dera Ghazi Khan ...	15—16	0·43	0·41	0·83	0·39	0·52	0·33	1·96	1·33	0·48	0·09	0·17	0·41	7·35
	Bannu ...	15—16	0·77	1·23	1·39	1·41	0·61	1·03	1·78	3·46	0·76	0·21	0·34	0·49	13·48
	Peshawar ...	15—16	1·50	1·29	1·73	1·88	0·54	0·20	1·35	2·14	0·83	0·25	0·83	0·91	13·45
	Kohat ...	15—16	1·25	1·68	2·05	1·47	1·40	1·14	3·43	2·73	2·01	0·66	1·11	0·76	19·69
	Abottabad ...	18—19	3·06	3·77	4·79	2·89	2·96	3·15	8·83	8·03	3·11	1·24	1·15	2·61	45·59
RAJPUTANA AND CENTRAL INDIA.	Ajmere ...	13—14	0·67	0·41	0·30	0·15	0·52	2·01	6·45	7·62	3·93	0·27	0·13	0·40	22·86
	Ulwar ...	3	?	?	?	0·97	?	?	?	?	5·93	1·18	0·03	1·19	?
	Sambhar ...	3	?	?	?	?	?	2·02	7·67	2·35	5·92	1·48	0·52	0·78	?
	Jeypore ...	4—6	0·12	0·11	0·60	0·34	0·63	0·91	9·87	2·47	4·19	0·36	0·11	0·56	20·27
	Mount Abu ...	11—12	0·27	0·34	0·27	0·03	0·62	5·42	18·39	23·88	7·57	3·69	0·07	0·30	60·85
	Neemuch ...	10—11	0·08	0·16	0·16	0·15	0·38	3·92	11·50	11·05	5·10	1·17	0·05	0·24	33·96
N. W. PROVINCES	Dehra ...	20	1·76	2·44	1·48	0·67	1·45	7·47	22·83	20·99	9·73	0·72	0·07	0·45	70·06
	Chakrata ...	9	1·19	2·01	3·84	1·50	2·78	7·74	17·04	14·84	6·12	0·73	0·16	1·32	59·27
	Saharanpur ...	20	1·43	1·76	1·61	0·26	0·76	3·91	12·53	9·51	4·12	0·37	0·81	0·60	37·67
	Roorkee ...	17—18	1·76	1·64	0·90	0·39	1·28	4·37	13·11	12·34	4·52	0·55	0·06	0·41	41·33
	Muzaffarnagar ...	20	1·25	1·25	0·85	0·38	1·10	3·66	10·62	8·36	4·58	0·49	0·70	0·34	33·58
	Meerut ...	21	0·85	0·87	0·59	0·50	0·87	3·62	9·44	6 49	3·66	0·52	0·02	0·36	27·79
	Bulandshahr ...	20	0·67	0·75	0·38	0·25	0·61	2·72	8·64	7·24	4·52	0·73	0·04	0·47	27·02
	Aligarh ...	20	0·77	0·68	0·49	0·14	0·58	2·20	7·95	6·31	4·14	0·63	0·03	0·40	24·32
	Bijnor ...	20	1·14	1·41	0·80	0·33	0·77	4·12	11·45	9·32	5·90	0·43	0·07	0·34	36·08
	Moradabad ...	21	1·13	1·09	0·68	0·36	0·92	4·66	14·19	8·90	5·42	0·84	0·08	0·44	38·71
	Bareilly ...	21	1·15	1·02	0·59	0·29	0·99	5·51	14·67	8·62	6·73	1·11	0·06	0·33	41·07
	Budaun ...	20—21	0·92	0·59	0·33	0·07	0·54	3·65	10·70	8·07	5·93	0·71	0·06	0·42	31·99
	Shahjahanpur ...	20	0·88	0·79	0·43	0·18	1·29	5·09	11·50	7·70	6·71	1·22	0·12	0·44	36·35
	Muttra ...	20	0·48	0·44	0·24	0·11	0·66	2·66	9·11	7·08	4·52	0·49	0·01	0·38	26·18
	Agra ...	23—26	0·62	0·42	0·21	0·12	0·80	2·94	8·92	6·85	4·88	0·36	0·03	0·31	26·46
	Mainpuri ...	20	0·87	0·37	0·30	0·12	0·55	2·34	9·12	7·80	6·01	8·80	0·06	0·56	36·90
	Farakhabad ...	20	0·65	0·37	0·31	0·60	0·60	3·19	9·51	7·34	6·12	1·37	0·71	0·46	31·23
	Etawah ...	21	0·60	0·31	0·43	0·10	0·52	2·08	8·14	8·72	5·22	1·34	0·11	0·37	27·94
	Etah ...	13—14	0·36	0·32	0·56	0·16	0·51	1·77	9·40	7·94	4·22	1·14	0·01	0·35	26·74

TABLE XV.—*Average monthly and annual rainfall of 306 stations*—continued.

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N. W. PROVINCES—*contd.*	Cawnpore ...	21	0·69	0·57	0·23	0·11	0·56	3·24	8·88	7·61	5·21	1·00	0·08	0·24	28·42
	Fatehpur ...	20—21	0·61	0·40	0·28	0·18	0·27	3·24	9·48	8·51	6·19	1·09	0·07	0·18	30·50
	Banda ...	19—20	0·73	0·38	0·36	0·09	0·35	3·27	11·24	9·80	6·81	0·86	0·19	0·17	34·25
	Allahabad ...	21	0·79	0·61	0·25	0·14	0·34	3·53	11·17	9·40	6·26	4·75	0·09	0·15	37·48
	Hamirpur ...	21	0·54	0·41	0·20	0·09	0·28	4·25	11·76	8·63	6·06	0·74	0·13	0·33	33·42
	Jaunpur ...	20	0·61	0·50	0·31	0·16	0·75	4·50	9·81	10·28	7·72	2·93	0·11	0·13	37·81
	Azamgarh ...	21	0·55	0·58	0·31	0·23	0·83	4·49	12·31	12·57	7·48	2·46	0·04	0·13	41·98
	Mirzapur ...	20	0·72	0·92	0·70	0·17	0·53	4·45	13·00	11·65	7·14	1·55	0·12	0·17	41·12
	Benares ...	21	0·77	0·64	0·29	0·16	0·52	5·16	12·59	11·63	6·40	1·66	0·04	0·09	39·95
	Gorakhpur ...	21	0·74	0·70	0·37	0·38	1·33	6·48	12·92	11·79	8·68	2·76	0·23	0·14	46·52
	Basti ...	11—12	0·76	0·63	0·24	0·27	1·20	5·97	15·74	11·27	9·12	2·03	...	0·16	47·39
	Ghazipur ...	21	0·72	0·84	0·34	0·14	0·92	4·36	10·13	9·56	6·44	2·89	0·30	0·11	36·75
	Jalaun ...	14	0·37	0·29	0·30	0·04	0·26	2·34	10·28	9·29	5·84	0·74	...	0·33	30·08
	Jhansi ...	12—13	0·44	0·23	0·38	0·18	0·19	4·11	12·44	10·35	5·72	0·77	...	0·22	35·03
	Lalitpur ...	14	0·56	0·33	0·43	0·20	0·68	5·04	14·08	10·49	5·81	0·79	0·03	0·27	38·71
	Almora ...	19—21	1·54	2·06	1·67	1·13	2·22	5·38	9·52	7·79	4·44	0·94	0·20	0·58	37·47
	Naini Tal ...	16—18	3·27	2·87	2·76	1·57	2·56	13·44	20·25	22·34	9·61	13·72	0·05	1·73	94·17
	Ranikhet ...	7	1·52	2·57	1·51	1·21	2·80	5·99	12·86	10·79	5·86	0·66	0·10	1·30	47·17
	Pauri ...	20	2·28	3·03	2·65	1·20	3·00	5·49	12·57	12·16	5·83	0·62	0·11	0·82	49·76
	Rudarpur ...	14	1·16	1·41	0·74	0·39	1·14	5·34	15·38	9·54	6·01	0·94	...	0·60	42·65
OUDH ...	Lucknow ...	7—10	0·69	0·37	0·31	0·17	0·70	5·12	11·51	11·57	8·83	2·46	...	0·74	42·47
	Unao ...	7—10	0·55	0·45	0·40	0·19	0·59	5·56	10·79	10·94	6·21	2·93	0·01	0·63	39·25
	Nawabgunge ...	9—10	0·97	0·49	0·57	0·40	0·51	5·49	10·34	8·36	10·61	1·52	...	0·73	39·99
	Sitapur ...	8—10	0·80	0·58	0·48	0·44	0·91	6·96	11·36	10·10	7·37	1·82	...	0·55	41·37
	Hardoi ...	8—10	0·70	0·51	0·68	0·34	0·77	4·54	12·49	9·06	7·25	2·86	...	0·90	40·10
	Kheri ...	9—10	1·35	1·02	0·51	0·12	0·97	6·44	11·32	10·65	9·57	1·89	...	0·60	44·44
	Fyzabad ...	9—10	0·88	0·47	0·47	0·19	0·82	5·16	15·31	9·83	9·84	2·06	...	0·16	45·14
	Bahraich ...	8—10	0·98	0·73	0·42	0·50	1·29	4·92	13·78	8·53	10·19	2·19	...	0·45	43·99
	Gonda ...	7—10	0·60	0·65	0·33	0·07	0·66	6·42	12·29	9·61	12·08	2·34	...	0·31	45·36
	Rai Bareli ...	7—10	0·48	0·35	0·40	0·24	0·28	4·50	11·90	9·31	8·61	1·68	...	0·24	37·99
	Sultanpur ...	8—10	0·67	0·31	0·34	0·36	0·80	6·73	13·51	11·18	10·50	2·14	...	0·18	46·72
	Partabgarh ...	8—10	0·88	0·47	0·35	0·07	0·35	4·86	12·65	9·21	9·42	1·98	...	0·20	40·39
BHAGELKAND ...	Sutna ...	6	0·67	0·78	0·30	0·04	0·20	4·65	18·72	12·10	5·86	0·70	..	0·06	44·08
	Rewah ...	6	0·70	1·47	0·13	0·48	0·27	8·62	25·50	16·93	8·20	1·22	0·02	0·02	63·56
	Nagode ...	15	0·77	0·46	0·24	0·25	0·40	4·81	18·08	12·21	7·81	2·52	0·05	0·25	47·85
BENGAL ...	Burdwan ...	16—18	0·60	1·07	1·55	2·64	4·54	10·61	12·36	12·27	8·07	5·17	0·37	0·47	59·72
	Bankoora ...	18—20	0·40	1·11	1·60	1·66	3·31	9·68	12·56	10·85	8·77	5·20	0·36	0·11	55·61

TABLE XV.—*Average monthly and annual rainfall of 306 stations*—continued.

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	Soory	14—15	0·65	0·96	0·70	0·87	2·49	9·22	12·94	13·01	9·58	3·98	0·11	0·17	54·68
	Midnapore ...	12—14	0·91	0·67	1·53	1·77	5·41	11·34	10·99	10·92	8·22	6·26	0·43	0·27	58·72
	Hooghly ...	13	0·66	1·54	2·17	3·49	5·21	10·57	11·86	12·47	7·63	3·94	0·38	0·24	60·16
	Howrah ...	9—10	0·71	1·65	2·59	2·52	4·08	11·87	13·14	13·46	9·66	4·85	0·33	0·09	64·95
	Saugor Island ...	10—11	0·44	0·98	1·04	1·51	4·70	12·35	15·24	14·24	12·39	10·39	0·60	0·05	73·93
	Calcutta ...	48—49	0·48	0·90	1·33	2·41	5·39	11·92	12·83	13·99	10·15	5·54	0·64	0·27	65·85
	Alipore Jail ...	7—8	0·67	1·86	2·03	2·20	4·62	10·43	13·72	14·29	9·06	5·67	0·26	0·08	64·89
	Krishnagar ...	14—17	0·62	1·07	1·00	2·65	6·89	10·84	10·90	10·37	6·78	4·30	0·28	0·16	55·86
	Jessore ...	16—19	0·59	0·72	1·77	4·09	7·22	12·84	10·85	11·97	8·73	5·58	0·69	0·11	65·16
	Berhampore ...	20—22	0·55	0·89	1·03	2·26	4·06	9·53	10·21	10·77	9·41	5·47	0·15	0·10	54·43
	Dinagepore ...	16—18	0·27	0·63	0·67	2·41	7·78	17·92	15·92	13·71	12·86	6·10	0·13	0·04	77·44
	Maldah ...	20—22	0·78	0·79	0·83	1·72	3·40	9·32	10·48	9·64	11·40	4·47	0·17	0·40	53·40
	Beauleah ...	16—18	0·40	1·17	1·08	2·15	5·58	10·60	12·27	11·15	10·92	5·09	0·23	0·06	60·70
	Rungpore ...	16—18	0·44	0·32	0·99	3·02	10·14	21·02	17·10	12·70	11·43	5·30	0·24	0·12	82·82
	Bogra ...	14—17	0·60	1·07	0·72	4·31	8·96	15·77	18·25	11·75	13·87	5·11	1·04	0·13	81·58
	Pubna ...	11—12	0·56	1·08	1·65	4·95	7·67	12·34	11·83	13·28	11·77	4·52	0·41	0·07	70·13
	Darjeeling ...	14—17	0·50	1·09	1·42	4·27	6·66	25·85	29·27	25·51	16·99	7·34	0·17	0·18	119·25
	Julpigoree ...	8—9	0·53	0·28	1·60	4·42	9·48	29·30	24·98	21·61	24·29	5·62	0·01	0·04	122·16
BENGAL—*contd.*	Cooch Behar ...	6—7	0·68	0·17	0·79	6·58	13·71	31·21	22·65	18·72	19·48	4·71	0·04	0·01	119·05
	Dacca ...	25—26	0·32	0·88	2·36	6·36	9·44	12·99	11·89	12·32	9·56	5·44	0·72	0·18	72·46
	Furreedpore ...	9	0·52	1·03	2·63	4·95	8·78	13·76	12·97	14·02	10·66	3·83	0·23	0·05	73·43
	Burrisaul ...	9—10	0·83	1·33	2·00	4·00	6·87	15·15	17·00	12·69	10·50	4·13	0·84	0·15	75·49
	Mymensingh ...	13—14	0·48	1·16	1·58	6·51	12·64	21·60	18·93	14·57	13·59	5·07	0·72	0·10	96·95
	Chittagong ...	18—20	0·56	1·45	1·36	4·58	9·02	22·28	22·43	22·45	13·39	6·09	1·63	0·37	105·61
	Noakhally ...	19—21	0·48	0·89	2·00	4·24	9·61	22·46	20·93	20·84	16·46	7·85	1·66	0·10	107·52
	Tipperah ...	17—18	0·81	0·94	2·70	7·24	10·95	18·55	17·64	15·40	10·18	5·84	1·63	0·10	91·98
	Rangamati Hill ...	9	0·43	1·27	2·80	4·11	9·83	17·13	19·35	20·50	13·19	7·41	1·16	0·19	97·37
	Hill Tipperah ...	5—6	1·48	1·23	4·33	4·87	10·83	12·79	11·61	16·02	8·32	4·06	1·18	0·17	77·79
	Patna ...	18—20	0·69	0·53	0·25	0·29	1·55	6·54	9·69	8·37	7·20	2·79	0·13	0·18	38·21
	Gya ...	14—16	0·74	0·65	0·47	0·40	1·41	6·22	11·64	9·68	7·21	2·85	...	0·11	41·38
	Arrah ...	19—22	0·93	0·63	0·57	0·72	1·32	7·01	12·88	9·63	9·18	2·65	0·18	0·07	45·77
	Mozufferpore ...	17—19	0·87	0·48	0·55	0·59	1·89	6·18	10·57	9·27	8·65	3·45	0·02	0·05	42·57
	Durbhanga ...	7	0·56	0·35	0·31	0·89	1·74	6·65	13·66	9·81	10·46	2·71	...	0·20	47·34
	Chupra ...	19—22	0·75	0·49	0·47	0·50	1·15	6·15	9·49	8·54	6·81	2·65	0·02	0·04	37·06
	Motihari ...	14—15	0·55	0·31	0·77	0·68	2·05	8·30	10·41	10·66	8·04	3·26	...	0·14	45·17
	Mongbyr ...	21—22	0·45	0·61	0·46	0·43	1·86	6·20	11·33	10·59	7·92	3·60	0·04	0·10	43·50
	Bhagulpore ...	21—22	0·53	0·68	0·37	1·04	2·75	8·12	11·34	10·66	7·77	4·66	0·03	0·09	48·04

TABLE XV.—*Average monthly and annual rainfall of 306 stations*—continued.

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BENGAL—*concld.*	Purneah ...	7—8	0·48	0·48	0·20	1·95	3·33	10·95	15·31	12·69	11·60	3·51	...	0·07	60·57
	Nya Doomka ...	7	0·83	0·82	0·62	1·43	3·35	10·37	13·35	13·82	9·96	3·34	0·01	0·29	58·19
	Cuttack ...	17—20	0·51	0·46	0·93	1·70	2·30	10·00	12·15	10·43	9·49	6·31	0·93	0·47	55·68
	False Point ...	11	0·58	0·91	1·15	3·93	2·71	10·84	15·58	14·11	10·94	12·66	2·83	0·12	76·36
	Pooree ...	19—21	0·20	1·19	0·59	1·33	2·45	7·85	9·48	11·44	9·16	8·26	1·78	0·65	54·38
	Balasore ...	16—18	0·98	1·21	1·63	2·70	4·36	10·45	11·55	12·33	12·68	7·33	0·68	0·11	66·01
	Hazaribagh ...	16	0·57	0·82	0·63	0·39	1·08	8·53	12·87	13·35	7·11	3·43	0·23	0·15	48·16
	Ranchee ...	20—22	0·98	1·09	1·42	0·68	1·67	7·42	11·61	11·23	7·79	3·31	0·15	0·12	47·47
	Chybassa ...	8—9	0·98	1·10	1·53	1·08	2·94	9·18	13·55	12·86	8·98	3·85	0·14	0·14	56·33
	Purulia ...	13—15	0·51	0·88	0·79	0·88	1·81	9·11	10·76	12·11	7·11	4·26	0·08	0·17	48·47
ASSAM ...	Silchar ...	17—19	0·64	3·05	7·79	11·97	15·12	19·58	22·73	17·32	14·09	7·45	0·84	0·49	121·07
	Sibsagar ...	19—20	1·19	2·48	4·39	10·28	11·50	14·97	16·17	16·60	10·80	5·05	1·52	0·55	95·50
	Sylhet ...	18—22	0·49	1·54	5·29	13·98	22·13	31·85	26·14	24·02	19·22	8·33	0·66	0·15	153·80
	Goalpara ...	13—14	0·39	0·53	1·86	6·18	13·26	25·61	18·31	11·61	11·88	4·96	0·25	0·17	95·01
	Tura ...	7—8	0·80	1·03	1·56	5·47	16·05	21·62	24·61	14·82	21·22	8·09	0·39	0·10	115·76
	Gauhati ...	26—29	0·64	1·02	2·13	6·07	10·17	13·37	13·41	10·65	8·13	2·79	0·64	0·21	69·23
	Tezpur ...	19—22	0·66	0·95	2·45	6·48	10·37	13·70	15·73	12·79	8·58	2·91	0·96	0·59	76·17
	Nowgong ...	17—19	1·03	1·25	2·58	5·83	10·73	12·47	16·76	15·50	11·37	4·28	0·47	0·23	82·50
	Dibrugarh ...	9—11	1·32	3·53	5·68	9·50	12·52	21·26	21·58	17·90	15·35	5·52	1·35	0·92	116·43
	Shillong ...	11—12	0·39	0·75	1·79	3·36	9·98	16·56	16·01	13·03	15·93	5·85	1·30	0·24	85·19
	Samaguting ...	8—10	0·78	1·04	2·14	3·40	5·12	10·16	8·71	10·88	6·44	3·64	0·14	0·13	52·58
CENTRAL PROVINCES.	Nagpur ...	30—31	0·71	0·47	0·64	0·49	0·70	8·59	12·62	8·54	7·34	2·01	0·32	0·40	42·83
	Bhandara ...	13—15	1·36	0·79	0·46	0·70	1·19	7·22	16·40	11·98	8·66	1·42	0·20	0·12	50·50
	Chanda ...	13—15	0·19	1·07	1·39	0·88	3·29	6·95	13·71	9·83	8·23	2·36	0·43	0·25	48·58
	Wardha ...	13—15	0·49	0·32	0·25	0·42	0·54	5·65	11·22	8·57	7·16	1·70	0·18	0·17	36·67
	Hinganghat ...	11—15	0·44	0·32	0·22	0·57	0·61	6·77	13·12	8·45	7·60	1·92	0·17	0·12	40·31
	Balaghat ...	11	0·69	0·65	0·23	0·71	0·77	12·58	21·57	16·07	9·17	1·33	0·11	0·23	64·11
	Sironcha ...	13—15	0·12	0·58	0·57	0·43	1·85	6·61	10·75	9·46	9·39	2·77	0·23	0·09	42·85
	Jubbulpore ...	33—34	0·65	0·49	0·50	0·24	0·42	7·95	18·08	14·00	8·34	1·32	0·29	0·19	52·47
	Saugor ...	20—21	0·73	0·67	0·14	0·24	0·54	6·20	17·73	11·64	8·14	1·10	0·29	0·34	47·76
	Damoh ...	19—21	0·71	0·47	0·19	0·23	0·31	5·70	16·77	13·68	7·79	1·35	0·29	0·30	47·79
	Seoni ...	19—21	0·80	0·89	0·45	0·72	0·82	9·37	14·82	10·76	7·17	2·04	0·28	0·62	48·74
	Mandla ...	19—21	0·61	0·54	0·75	0·57	0·53	7·85	17·27	10·97	6·65	1·46	0·09	0·25	47·54
	Badnur ...	19—22	0·59	0·37	0·77	0·40	0·49	6·93	12·68	9·23	7·65	1·40	0·30	0·40	41·21
	Chindwara ...	14—15	0·92	0·33	0·55	0·31	0·48	9·59	11·19	8·30	8·07	1·77	0·19	0·31	42·01
	Hoshangabad ...	20—22	0·40	0·14	0·25	0·05	0·53	5·46	14·26	12·82	9·78	0·72	0·36	0·32	45·09
	Narsinghpur ...	19—22	0·42	0·36	0·22	0·25	0·48	8·10	15·51	11·94	7·84	1·60	0·13	0·29	47·14

TABLE XV.—*Average monthly and annual rainfall of 306 stations*—continued.

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
CENTRAL PROVINCES—*contd.*	Khandwa ...	12—14	0·39	0·49	0·04	0·10	0·21	6·53	10·54	7·76	5·28	0·57	0·03	0·32	32·26
	Pachmarhi ...	6—7	0·78	0·32	0·36	0·42	0·48	10·50	30·94	19·99	16·85	1·02	...	0·54	82·20
	Raipur ...	13—15	0·49	0·23	0·51	0·69	0·67	9·34	13·82	12·50	7·56	1·83	0·84	0·13	48·61
	Sambalpur ...	13—15	0·62	0·61	0·71	0·59	0·60	11·21	15·90	14·15	8·02	2·37	0·11	0·10	54·99
	Bilaspur ..	13—15	0·65	0·22	0·95	0·61	1·02	9·14	12·52	11·37	6·68	1·65	0·15	0·30	45·26
HYDERABAD ASSIGNED DISTRICTS.	Amraoti ...	15—16	0·68	0·28	0·38	0·21	0·58	6·58	7·82	7·57	5·13	0·91	0·13	0·37	31·64
	Akola ...	7—11	0·51	0·22	0·43	...	0·18	5·47	6·05	5·65	5·05	0·66	0·31	0·27	24·80
	Buldana ...	9—11	0·34	0·18	0·12	0·14	0·93	5·96	6·05	7·25	5·37	1·47	0·15	0·28	28·24
	Chikalda ...	6—7	0·95	0·05	0·44	0·18	0·06	8·91	14·28	15·51	10·96	3·04	0·08	0·76	55·22
BOMBAY ...	Dhulia ...	6—14	0·75	0·10	...	...	0·07	3·98	3·39	3·95	2·85	1·52	0·38	0·26	17·25
	Nasik ...	14—20	0·07	0·06	0·03	0·08	0·37	5·62	6·66	5·08	3·58	3·98	0·68	0·19	26·40
	Igatpuri ...	7—15	0·20	0·23	0·12	0·17	1·06	21·18	42·28	33·54	14·84	4·30	0·39	0·22	118·53
	Malegaon ...	6—15	0·56	0·10	0·04	0·46	0·24	5·21	3·03	4·22	4·89	2·25	0·43	0·52	21·95
	Ahmadnagar ...	20—21	0·56	0·09	0·25	0·59	1·45	5·22	3·03	4·03	6·26	2·87	0·93	0·17	25·45
	Poona ...	34	0·28	0·05	0·19	0·54	1·56	5·90	6·65	4·30	4·10	3·91	0·74	0·21	28·43
	Lanauli ...	3—4	0·12	0·06	0·50	0·05	0·22	28·44	66·32	37·86	23·41	2·49	0·04	0·12	159·63
	Satara ...	22—23	0·45	0·07	0·07	0·98	1·22	7·76	12·76	7·42	4·09	3·50	1·58	0·45	40·35
	Malcolm Peth (Mahableshwar).	19—21	0·56	0·03	0·54	1·12	1·13	46·16	95·90	69·39	30·64	5·61	1·07	0·10	252·25
	Sholapur ...	22—24	0·05	0·13	0·29	0·82	1·22	4·49	4·19	5·03	6·09	3·35	0·66	0·17	26·49
	Kolhapur, C. H. ...	15—18	0·02	0·01	0·03	1·09	1·66	7·66	10·93	6·68	3·84	4·70	0·53	0·16	37·31
	Baura (Fort) ...	3—6	...	0·04	0·06	0·94	0·69	54·80	97·22	53·85	36·16	6·67	0·97	0·40	251·80
	Belgaum ...	25—26	0·08	0·02	0·52	2·17	2·89	9·79	14·63	8·79	3·65	4·49	0·90	0·35	47·98
	Gokak ...	6—14	0·10	...	0·15	0·90	1·47	3·63	1·46	2·07	2·83	6·19	0·13	1·00	19·93
	Dharwar ...	11—18	0·16	0·02	0·32	1·24	2·59	5·65	5·78	5·05	3·27	5·77	1·73	0·61	32·19
	Hubli ...	6—14	0·10	...	0·21	1·47	2·32	4·37	4·02	2·98	2·80	5·04	0·43	0·39	24·13
	Nargund ...	6—14	0·29	...	0·26	0·58	2·32	3·40	1·54	2·89	3·42	5·09	0·17	0·58	20·54
	Mundargi ...	3—4	...	...	0·22	1·58	0·62	1·54	2·55	0·81	3·39	2·22	...	0·06	12·99
	Kalghatgi ...	6—14	0·12	...	0·32	0·93	1·39	5·55	6·61	3·93	2·91	5·62	0·39	0·71	28·48
	Bijapur ...	6—14	0·04	...	0·36	0·57	0·38	4·07	1·88	3·96	4·90	3·58	0·14	3·66	23·54
	Karwar ...	15—17	0·17	...	0·10	0·33	1·84	34·57	37·66	19·90	10·34	4·14	0·83	0·19	110·07
	Honawar ...	11—14	0·38	...	0·26	0·39	2·35	41·71	42·66	27·84	15·27	5·50	0·96	0·21	137·53
	Vingorla ...	8—16	0·35	...	0·08	0·09	1·00	33·91	35·26	20·80	10·47	3·59	0·35	0·04	105·94
	Ratnagiri ...	8—21	1·97	0·02	...	0·31	1·04	31·92	32·42	18·31	12·27	2·96	1·00	0·09	102·31
	Observatory Colaba	31—61	0·13	0·02	...	0·04	0·48	20·97	24·08	15·12	10·61	1·59	0·45	0·01	73·53
	Byculla, J. J. Hospital	7—16	0·26	...	...	...	0·23	21·91	25·66	18·66	11·74	2·04	...	...	80·53

TABLE XV.—*Average monthly and annual rainfall of 306 stations*—continued.

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BOMBAY—*concld.*	Esplanade ...	8—16	0·35	...	...	...	0·20	20·62	24·36	16·71	11·23	1·67	...	...	75·14
	Tanna (Huzur station)	7—20	0·02	0·14	0·01	...	0·15	25·26	34·45	20·50	10·88	2·58	...	...	93·99
	Matheran ...	8—12	0·03	...	0·03	0·01	0·06	44·43	10547	69·55	32·63	4·51	...	0·03	256·75
	Surat, Jail Hospital	7—15	...	0·06	...	...	0·18	9·87	12·11	10·96	5·97	0·80	0·15	0·07	40·17
	Broach ...	7—16	0·03	0·04	...	...	0·01	6·88	12·42	8·83	5·62	1·35	0·28	0·07	35·53
	Kaira, C. H. ...	7—17	...	0·41	0·01	0·08	0·53	3·90	11·19	9·26	3·75	0·65	0·26	0·16	30·20
	Godhra Dispensary...	7—11	...	0·25	0·02	0·01	0·19	4·93	15·70	12·27	7·75	0·83	0·07	0·15	42·17
	Ahmedabad City ...	7—16	...	0·18	0·05	0·08	0·96	3·24	9·87	9·30	4·18	1·13	0·06	0·10	29·15
	Baria	8—9	0·07	0·63	0·01	...	0·01	4·65	14·75	10·54	10·11	0·65	0·14	0·17	41·73
	Edar Dispensary ...	7—10	...	0·34	...	...	0·59	3·18	13·33	10·55	8·00	0·61	0·21	0 04	36·85
	Palanpur ...	5—10	...	0·40	0·01	0·03	0·92	1·75	8·00	11·65	4·95	0·40	...	0·04	28·15
	Rajkot, C. H. ...	9—17	0·08	0·16	0·03	...	0·51	5·72	8·00	7·56	3·65	0·99	0·36	0·11	27·17
	Bhuj	7—17	0·01	0·22	0·08	0·03	0·26	2·18	4·01	3·89	2·45	1·09	0·01	0·06	14·29
	Kurrachee ...	21—22	0·69	0·26	0·13	0·01	0·07	0·22	2·59	1·69	0·82	0·09	0·09	0·23	6·89
	Sehwan Dispensary..	8—10	0·68	0·21	0·43	0·22	0·04	0·01	2·22	2·92	1·47	0·01	0·20	0·37	8·78
	Tatta do. ...	5—6	0·09	0·20	0·03	0·48	...	0·25	3·42	0·40	1·17	0·01	0·23	0·10	6·38
	Hyderabad ...	6—12	0·20	0·19	0·13	0·08	0·02	0·65	2·67	3·47	0·80	0·01	0·06	...	8·28
	Umarkot ...	8—12	0·18	0·06	0·20	0·02	0·15	1·15	3·83	4·58	1·10	0·50	...	0·01	11·78
	Nagor	9—13	0·19	0·11	0·09	...	0·48	2·13	4·31	6·68	1·89	0·42	0·01	...	16·31
	Shikarpur ...	10—14	0·40	0·32	0 63	0·27	0·04	0·21	1·21	1·47	0·25	0·01	0·10	0·18	5·09
	Rohri	14—16	0·46	0·71	0·53	0·39	0·33	0 33	1·24	1·00	0·40	...	0·13	0·34	5·86
	Jacobabad ...	13—15	0·27	0·27	0·30	0·17	0·18	0·10	1·37	0·99	0·33	...	0·15	0·15	4·28
	Deesa (Observatory)	20—22	0·14	0·21	0·11	0·06	0·13	2·37	8·43	8·07	2·86	0·90	0·09	0·03	23·40
	Goa	3	...	...	0·01	0·05	0·13	30·48	26·07	15·24	7·99	3·85	0·21	0·32	84·35
MADRAS ...	Arcot ...	14—15	0·50	0·88	0·44	0·35	2·74	1·34	3·40	5·01	5·29	4·91	4·36	1·70	30·92
	Chittoor ...	15	0·26	0·26	0·50	0·41	3·63	2·33	2·77	4·74	5·38	6·08	3 57	1·89	31·82
	Palmanair ...	15	0·17	0·21	0·44	0·45	2·57	2·69	2·75	3·09	5·09	5·84	3·24	1·39	27·93
	Vellore ...	14—15	0·77	0·46	0·18	0·54	2·86	2·44	3·05	4·99	5·91	7·00	4·82	2·12	35·14
	Cuddalore ...	14—15	0·60	0·44	0·17	1·55	1·90	1·01	2·11	4·54	4·89	8·05	12·34	4·96	42·56
	Tindevanum ...	14—15	0·43	0 94	0·22	0·68	2·98	2·02	2·72	6·91	6·52	8·44	7·50	2·79	42·15
	Virdachellum ...	14	0·50	0·51	0·08	0·57	1·94	1·20	2·26	4·14	4·99	5·16	5·72	3·04	30·11
	Bellary ...	21	0·03	0·04	0·40	0·85	1·74	2·11	1·01	2·22	3·52	3·54	0·50	0·10	16·06
	Gooty ...	21—22	0·06	0·09	0·08	0·57	1·88	2·67	2·59	3·73	4·34	3·97	0·76	0·11	20·85
	Mangalore ...	19—24	0·23	0·12	0·16	2·35	7·82	39·73	37·88	22·24	10·93	8·38	1·51	0·56	131·91
	Chingleput ...	14—15	0·38	0·48	0·11	0·22	2·02	1·73	2·62	3·60	4·70	6·90	8·04	3·13	33·93
	Conjeveram ...	14—15	0·76	0·65	0·14	0·35	2·32	2·13	3·92	5·92	6·44	6·67	7·12	2·59	39·01

TABLE XV.—*Average monthly and annual rainfall of 306 stations*—continued.

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
MADRAS—*contd.*	Caroor ...	14—15	0·33	0·19	0·39	2·17	3·77	1·77	1·12	2·72	3·64	5·79	2·44	1·39	25·72
	Coimbatore ...	15	0·14	0·14	0·52	1·96	2·69	2·23	1·32	0·99	1·37	5·56	3·13	0·85	20·90
	Cuddapah ...	22—24	0·15	...	0·31	0·27	1·29	2·29	3·21	4·89	5·53	5·93	2·22	0·52	26·61
	Aska (Sugar Works)	21—23	0·33	0·49	1·33	1·87	2·93	6·55	7·73	7·60	8·92	6·72	1·08	0·37	45·92
	Ganjam ...	14—15	0·19	0·64	0·85	1·29	1·51	5·80	4·39	5·25	9·22	8·85	0·39	0·14	38·52
	Coconada ...	15	0·33	0·30	0·12	0·54	2·01	4·03	4·95	4·97	6·65	8·91	1·82	0·32	34·95
	Ellore ...	15	0·37	0·13	0·48	0·86	1·36	3·55	5·42	5·78	7·11	6·00	1·79	0·42	33·27
	Rajahmundry ...	15	0·25	0·15	0·21	1·20	3·33	3·88	6·74	5·60	6·47	6·50	0·91	...	35·24
	Guntoor ...	15	0·53	0·21	0·73	0·87	1·82	3·25	4·67	6·17	6·01	7·15	0·97	0·20	32·58
	Masulipatam ...	15	0·30	0·10	0·48	0·03	1·41	3·47	5·73	5·19	6·87	8·53	1·94	0·19	34·24
	Kurnool ...	14—15	0·02	0·06	0·35	0·86	2·43	3·85	5·19	5·79	7·00	3·67	0·80	0·21	30·23
	Dindigul ...	15	0·61	0·47	0·27	1·95	3·35	1·74	1·41	2·20	3·27	7·25	4·62	2·42	29·56
	Madura ...	15	0·46	0·49	0·57	2·37	2·45	2·03	1·60	3·98	3·54	8·18	5·09	2·50	33·17
	Pasumali ...	21—26	0·93	0·51	0·87	2·56	2·71	0·99	2·34	4·04	4·11	8·05	4·91	2·40	34·42
	Calicut ...	14—15	0·23	0·25	1·09	2·86	7·94	36·59	30·23	13·24	8·10	8·42	2·88	1·79	113·62
	Cannanore ...	14—15	0·64	0·40	0·17	2·86	6·46	45·13	43·54	17·45	9·41	7·21	1·94	0·39	135·60
	Cochin ...	19—20	1·05	0·80	1·39	5·15	12·13	31·82	22·17	11·37	8·72	11·35	4·20	2·00	112·15
	Manamtoddy ...	10	0·43	0·55	1·07	2·40	4·18	23·39	29·63	15·19	7·66	5·95	1·78	0·82	93·05
	Palghat ...	15	0·10	0·17	0·32	2·34	3·69	19·06	19·95	9·96	5·38	5·96	2·75	0·91	70·59
	Tellicherry ...	14—15	0·57	0·11	0·46	3·20	7·29	41·29	37·96	15·71	10·10	6·43	1·73	0·78	125·63
	Nellore ...	14—15	0·57	0·16	0·37	0·11	1·35	1·56	2·11	3·39	3·14	9·56	7·54	3·61	33·47
	Ongole ...	15	0·35	0·04	0·17	0·08	1·30	1·23	2·36	3·09	4·57	6·07	2·15	0·86	22·27
	Ahtur ...	15	0·41	0·37	0·62	1·42	4·38	1·34	2·11	2·81	5·64	8·25	3·90	1·23	32·48
	Salem ...	15	0·24	0·08	0·69	2·22	4·60	2·43	3·71	4·07	5·91	7·29	1·56	0·63	33·43
	Shevaroy Hills ...	13—15	0·29	0·21	0·69	2·42	6·46	4·87	7·66	9·17	8·99	11·34	4·65	3·23	59·98
	Combaconum ...	14—15	0·61	0·71	0·54	0·92	1·84	1·97	2·75	3·88	4·70	8·94	7·66	5·08	39·60
	Negapatam ...	14—15	0·92	0·99	0·09	1·42	2·13	1·07	1·32	2·67	3·65	7·78	13·33	8·87	44·24
	Tanjore ...	14—15	0·64	0·63	0·47	1·14	1·78	1·00	1·90	3·21	4·23	5·95	4·49	3·41	28·85
	Tranquebar ...	14—15	0·79	0·41	0·01	1·65	1·80	1·17	2·31	3·71	3·33	9·08	13·45	8·78	46·49
	Tinnevelly ...	14—15	1·74	1·14	1·30	1·98	0·88	0·76	0·26	0·61	0·91	6·22	9·76	2·74	28·30
	Tuticorin ...	14—15	1·24	0·38	0·58	1·56	0·63	0·15	0·23	0·21	0·24	3·63	7·52	2·13	18·50
	Oodiarpalliam ...	13	0·72	0·53	0·02	0·97	3·67	1·55	3·03	4·40	4·49	7·99	6·22	3·75	37·34
	Trichinopoly ...	23—24	0·90	0·60	0·63	2·20	4·07	2·34	2·35	3·98	5·87	8·54	4·85	3·37	39·70
	Bimlipatam ...	18	0·38	0·69	0·11	0·24	1·44	3·04	3·50	3·82	6·46	7·81	0·93	0·25	28·67
	Vizagapatam ...	12	0·44	0·37	0·38	0·92	2·84	5·23	4·69	6·21	7·38	12·13	1·66	0·78	43·03
	Vizianagram ...	15	0·26	0·65	0·68	0·45	2·03	3·69	4·71	5·90	7·59	7·76	1·14	0·20	35·06

TABLE XV.—*Average monthly and annual rainfall of 306 stations*—concluded.

PROVINCES.	STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
MADRAS—*concld.*	Bangalore ...	29	0·26	0·15	0·55	1·49	5·08	3·02	3·66	5·76	6·55	5·53	1·71	0·77	34·53
	Madras ...	65	0·96	0·29	0·43	0·70	2·35	2·02	3·77	4·48	4·78	10·80	13·17	5·04	48·79
HYDERABAD ...	Secunderabad ...	17—18	0·60	0·22	0·95	0·64	1·31	2·97	5·47	5·25	4·48	3·02	0·76	0·17	25·84
CEYLON ...	Colombo ...	8	2·29	1·51	6·02	9·66	13·30	7·24	2·81	2·79	5·58	13·47	11·76	6·01	82·44
	Ratnapura ...	8	5·57	4·12	7·33	11·52	17·36	22·60	10·71	11·63	16·51	15·67	15·25	8·58	146·85
	Puttalam ...	8	2·04	1·34	3·21	7·80	3·06	1·69	0·04	0·85	1·30	6·24	10·69	7·65	45·91
	Anuradhapura ...	7—8	2·44	1·52	2·74	7·99	3·42	1·46	0·04	2·69	3·77	5·45	11·33	7·92	50·77
	Mannar ...	7—8	1·96	1·01	1·48	2·80	2·65	1·03	0·20	0·66	1·01	5·39	7·30	6·80	32·29
	Jaffna ...	7	0·93	1·51	1·32	3·06	2·61	0·78	0·73	1·17	2·81	6·63	15·48	7·63	44·66
	Trincomalee ...	7—8	5·77	2·17	1·19	2·06	2·25	1·02	2·28	4·10	5·18	9·22	13·68	11·90	60·82
	Batticaloa ...	7—8	6·98	3·32	3·12	1·82	1·41	1·24	0·49	3·12	2·14	5·39	15·04	14·01	58·08
	Hambantota ...	8	3·32	2·88	1·70	2·27	3·45	2·37	0·99	1·63	3·46	5·69	7·59	4·64	39·99
	Galle ...	8	3·11	3·25	4·48	8·08	11·61	8·49	3·88	4·80	8·80	13·11	10·75	7·49	87·85
	Kandy ...	8	5·08	3·23	2·38	8·54	5·38	9·59	6·84	4·07	6·78	9·60	12·65	7·87	82·01
	Newara Eliya ...	7—8	5·73	2·37	2·58	6·68	8·43	15·63	11·54	6·78	10·75	10·19	10·02	7·32	98·02
BRITISH BURMA	Akyab ...	19—20	0·13	0·21	0·45	1·18	13·32	47·30	48·29	36·41	26·06	11·83	3·85	0·20	189·23
	Kyouk Phyoo ...	12	0·11	0·08	0·43	1·05	9·92	39·41	45·19	39·02	20·85	9·63	4·95	0·12	170·76
	Sandoway ...	16—17	0·07	0·09	0·20	0·78	15·04	53·07	59·95	49·63	24·91	12·23	2·52	0·09	218·58
	Rangoon ...	8	0·06	0·06	0·08	1·69	12·27	19·82	21·67	18·56	15·61	9·06	2·83	...	101·71
	Bassein ...	8	0·25	...	0·14	1·02	7·53	16·22	26·28	21·81	14·50	7·27	2·56	0·03	97·61
	Henzada ...	7	0·11	...	...	0·56	6·13	15·74	19·39	16·96	11·02	4·67	2·29	...	76·87
	Prome ...	8	...	...	0·01	0·84	6·17	9·69	9·37	14·46	7·72	6·46	1·74	...	56·46
	Thayetmyo ...	8	...	0·04	0·13	0·59	6·71	8·30	9·18	10·24	8·72	5·40	1·72	0·01	51·04
	Tounghoo ...	8	...	...	0·04	0·98	6·99	11·93	16·94	17·32	10·65	8·03	1·49	0·06	74·43
	Moulmein ...	28	...	0·04	0·14	3·13	21·13	38·75	43·72	43·89	31·51	8·13	0·94	0·01	191·34
	Tavoy ...	20—21	0·13	0·71	0·58	3·42	18·12	39·03	44·81	42·66	33·96	10·03	1·90	0·12	195·47
	Mergui ...	13—14	0·41	1·34	1·80	4·94	17·23	28·34	29·25	28·05	24·41	12·57	2·35	0·46	151·15
	Shwe Gyen ...	9	0·01	0·42	0·66	1·61	14·76	35·37	36·18	33·82	20·26	10·56	1·85	...	155·50
ANDAMANS ...	Port Blair ...	10	0·74	2·15	0·23	2·18	16·64	18·36	17·12	16·85	18·28	12·88	7·85	2·97	116·25
NICOBARS ...	Nancowry ...	4—5	3·26	1·45	3·31	7·20	9·54	15·90	9·94	11·53	10·34	13·96	7·23	6·92	100·58

TABLE XVI.—*Comparison of the monthly and annual rainfall in 1877 with the averages of Table XV.*

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
PUNJAB ...	Delhi ...	+1·38	+1·50	−0·51	−0·18	−0·48	+0·78	− 7·25	− 6·62	−4·88	+4·76	− 0·09	+2·07	− 9·52
	Gurgaon ...	+1·02	+1·16	+0·15	+0·55	+0·04	+2·07	− 8·35	− 6·68	−3·88	+1·89	− 0·03	+3·16	− 8·90
	Karnal ...	+1·43	+1·62	+0·08	+0·44	+1·97	+2·31	− 7·62	− 5·54	−2·82	+1·60	+ 0·33	+2·69	− 3·51
	Hissar ...	−0·37	+1·15	+1·51	+1·44	+1·62	+1·22	− 2·44	− 3·39	−2·27	−0·29	+ 0·84	+0·84	− 0·14
	Rohtak ...	−0·06	+0·04	+0·54	+0·45	+0·89	+0·43	− 5·87	− 4·34	−0·83	+1·43	+ 0·27	+1·82	− 5·23
	Sirsa ...	+0·53	+0·14	−0·09	+0·42	+0·12	−0·28	− 1·31	− 3·40	+0·05	−0·27	+ 0·67	+2·86	− 0·56
	Murree ...	+0·05	−1·54	−0·04	+3·76	−0·47	−0·29	−10·91	−10·91	−1·21	+3·67	+ 5·88	+2·93	− 9·08
	Umballa ...	+2·39	+1·82	−0·51	+0·17	−0·83	−1·28	− 8·73	− 7·65	−2·57	+0·46	+ 0·56	+3·69	−12·48
	Ludhiana ...	+0·95	+1·11	+1·03	+0·51	−0·39	−0·73	− 3·66	− 3·17	+7·87	+1·29	+ 0·75	+4·86	+10·42
	Simla ...	−0·54	−0·95	+7·52	+9·11	+1·23	−1·50	− 8·03	− 9·94	−3·44	+0·84	+ 1·18	+1·11	− 3·41
	Jullundur ...	+2·80	+3·07	+0·72	+0·99	+0·40	−0·58	− 5·42	− 5·01	+8·06	+0·14	+ 1·29	+5·28	+11·74
	Hoshiarpur ...	+2·47	+1·46	+0·06	+1·20	+0·19	+0·79	− 2·42	− 8·70	+9·62	+0·06	+ 0·92	+5·70	+11·35
	Dharmsala ...	+4·60	+0·24	+0·47	+4·37	+4·47	−4·64	−26·36	−29·95	+3·06	+2·68	+ 5·01	+9·14	−26·91
	Amritsar ...	+2·84	+4·82	−0·36	+2·63	+0·57	+0·28	− 5·89	− 5·51	+1·33	+0·43	+ 2·21	+4·23	+ 7·58
	Sialkot ...	+1·36	+4·22	−1·09	+5·57	−0·41	−1·12	−11·39	− 9·62	−1·43	−0·12	+ 3·66	+3·44	− 6·93
	Gurdaspur ...	+3·20	+2·21	−0·28	+1·22	+0·46	−2·70	− 6·68	− 6·27	+2·65	−0·72	+ 2·19	+7·73	+ 3·01
	Lahore ...	+0·92	+2·77	−0·32	+2·06	−0·38	−1·21	− 4·83	− 4·07	−0·43	−0·14	+ 1·11	+1·84	− 2·68
	Ferozepore ...	−0·54	+0·17	−0·47	+0·82	+1·44	−2·00	− 5·44	− 5·55	−0·47	−0·55	+ 0·84	+2·99	− 8·76
	Gujranwala ...	+1·80	+3·29	−0·26	+1·05	−0·28	−1·39	− 6·50	− 5·79	−1·58	+0·16	+ 2·63	+5·29	− 1·58
	Rawalpindi ...	+2·52	+3·59	−1·22	+2·65	+0·22	+0·03	− 4·60	− 4·67	−1·49	+2·18	+ 3·46	+5·13	+ 7·80
	Jhelum ...	+7·61	+3·81	−1·08	+0·88	−0·04	−0·52	− 4·45	− 4·52	−1·11	+3·18	+ 2·64	+5·11	+11·51
	Gujrat ...	+2·60	+3·66	−2·13	+0·94	+0·14	−0·78	− 7·77	− 5·63	−2·41	+1·25	+ 1·50	+6·51	− 2·12
	Shahpur ...	+0·22	+2·29	+0·04	+1·54	−0·26	+0·44	− 3·36	− 3·04	−1·40	−0·18	+ 2·87	+1·79	+ 0·95
	Mooltan ...	−0·12	+0·26	+0·17	−0·04	+0·51	−0·27	− 0·60	− 1·10	+7·30	−0·16	− 0·07	+0·79	+ 6·67
	Jhang ...	−0·08	+0·07	+0·03	+2·22	+2·58	−0·08	− 0·73	− 2·25	+0·57	−0·29	+ 0·42	+1·51	+ 3·97
	Montgomery ...	+1·28	+7·09	+2·42	+0·17	+1·25	−0·60	+ 0·88	− 2·26	−1·01	−0·22	+ 0·94	+1·01	+10·95
	Muzaffargarh ...	+0·16	+0·91	−0·12	+0·88	+0·19	−0·29	− 1·16	− 0·96	+5·19	−0·09	− 0·09	+0·82	+ 5·44
	Dera Ismail Khan ...	+1·47	+1·27	−0·94	+1·11	+0·72	−0·26	− 1·02	− 1·38	−0·66	−0·06	+ 1·65	+1·57	+ 3·47
	Dera Ghazi Khan	+0 37	−0·01	−0·13	+0·01	−0·12	−0·23	− 1·96	− 0·83	+0·42	−0·0	+ 0·03	+0·89	− 1·65
	Bannu ...	+1·13	+0·47	−0·99	+1·59	+1·69	+1·47	− 1·08	− 2·46	−0·66	−0·11	+ 2·56	+1·61	+ 5 ·22
	Peshawar ...	+1·70	+1·21	−0·63	+4·32	−0·54	−0·20	− 1·35	− 2·14	−0·83	+0·15	+ 7·17	+3·19	+12·05
	Kohat ...	+0·55	+1·62	−0·05	−0·97	+1·20	+2·26	− 2·73	− 1·73	−1·21	+1·24	+11·89	+3·34	+15·41
	Abottabad ...	+0·04	+2·93	−0·29	+5·71	+2·44	+2·55	− 5·53	− 4·93	−0·41	+4·96	+ 8·65	+7·59	+23·71
RAJPUTANA AND CENTRAL INDIA.	Ajmere ...	−0·63	+0·48	−0·14	+0·28	+0·30	−1·26	− 1·80	− 7·39	−3·74	+1·54	+ 0·42	+0·80	−11·14
	Ulwar ...	?	?	?	−0·97	?	?	?	?	−5·28	+0·82	+ 0·07	+1·36	?
	Sambhar ...	?	?	?	?	?	+2·78	− 7·67	− 2·05	−5·92	+0·22	+ 0·53	+0·07	?
	Jeypore ...	+ 0·10	+0·26	−0·37	+0·16	+0·70	+2·40	− 9·06	− 1·86	−3·63	+1·18	+ 0·06	+0·45	− 9·61
	Mount Aboo ...	−0·27	+0·74	−0·27		+2·09	−3·56	−13·48	−23·47	−1·77	−2·01	+ 0·20	+0·70	−41·10
	Neemuch ...	?	?	−0·16	−0·15	−0·38	+4·22	− 4·55	− 5·93	−4·36	+1·38	− 0·05	+0·51	?

TABLE XVI.—*Comparison of the monthly and annual rainfall in 1877 with the averages of Table XV*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	Dehra ...	+1·24	+1·46	+0.52	+1·23	+0·65	−2·07	−17·53	−14·39	−8·53	+ 1·28	+ 0·23	+2·85	−33·06
	Chakrata ...	+3 57	+4·45	+0·75	+2·48	+2·30	−1·77	− 4·74	−11·14	−3·95	+ 0·32	+ 1·04	+5·25	− 1·44
	Saharanpur ...	+1·47	+1·24	+0·19	+0·24	+0·04	−2·11	− 7·73	− 7·61	−2·32	+ 1·43	− 0·41	+6·60	− 8·97
	Roorkee ...	+2·04	+1·46	+1·30	−0·19	−0·68	−1·37	− 8·91	−10·24	−4·52	+ 1·15	− 0·06	+2·79	−17·23
	Muzaffarnagar ...	+1·85	+1·65	+0·75	+0·12	+2·30	+1·74	− 9·42	− 5·16	−4·48	+ 3·01	− 0·50	+2·76	− 5·38
	Meerut ...	+1·35	+1·93	+0·41	+0·80	+0·43	−1·12	− 8·64	− 6·49	−3·56	+ 5·48	− 0·02	+3·44	− 5·99
	Bulandshahr ...	+0·23	+0·75	+0·12	−0·25	−0·51	−2·72	− 2·54	− 7·14	−4·52	+ 2·67	− 0·04	+3·63	−10·32
	Aligarh ...	−0·37	+0·62	+0·21	−0·14	−0·48	−2·20	− 4·95	− 6·31	−4·14	+ 2·97	− 0 03	+1·60	−13·22
	Bijnor ...	+0·96	+0·69	+0·30	−0·33	−0·07	−2·12	− 9·75	− 8·42	−5·40	+ 1·57	− 0·07	+2·86	−19·78
	Moradabad ...	+4·17	+1·51	+0·62	−0·26	+0·18	−3·86	− 6·19	− 6·20	−4·02	+ 6·86	+ 0·82	+4·76	− 1·61
	Bareilly ...	+1·05	+0·68	+0·81	−0·29	−0·79	−2·91	−10·97	− 5·52	−6·73	+ 5·49	- 0·06	+1·87	−17·37
	Budaun ...	+1·68	+2·11	+0·27	+0·23	−0·04	−3·05	− 8·20	− 6·07	−5·83	+ 5·19	− 0·06	+1·48	−12·29
	Shahjahanpur ...	+1·62	+0·71	+1·27	+0·02	−0·59	−2·79	− 8·90	− 6·90	−4·81	+ 3·48	− 0·02	+2·76	−14·15
	Muttra ...	−0·18	+0·46	−0·14	+0·09	−0·56	−2·36	− 8·61	− 7·08	−4·52	+ 5·81	− 0·01	+1·42	−15·68
N. W. PROVINCES.	Agra ...	−0·52	−0·22	−0·11	−0·12	−0·05	−2·54	− 7·32	− 6·20	−4·73	+ 3·24	− 0·03	+2·14	−16·46
	Mainpuri ...	−0·17	+0·13	−0·30	+0·48	−0·55	−2·04	− 9·12	− 6·90	−5·91	− 4·30	− 0·06	+2·44	−26·30
	Farakhabad ...	+0·85	+0·23	+0·09	−0·20	−0·60	−2·69	− 6·11	− 5·04	−6·12	+ 4·73	− 0 61	+4·64	−10·83
	Etawah ...	+0·40	+0·29	+0·07	−0·10	+0·08	−2·08	− 7·64	− 8·32	−5·02	+ 4·56	− 0·11	+2·63	−15·24
	Etah ...	+1·04	−0·12	−0·06	+0·44	−0·41	−0·17	− 6·70	− 7·74	−4·02	+ 3·76	+ 0·09	+1·75	−12·14
	Cawnpore ...	+0·61	+1·33	−0·23	+0·29	−0·06	−2·84	− 7·18	− 3·91	−4·31	+ 2·40	− 0·08	+1·76	−11·72
	Fatehpur ...	+0·29	+1·00	+0·72	−0·18	+1·03	−2·84	− 5·88	− 5·26	−3·49	+ 1·91	− 0·07	+0·12	−12·65
	Banda ...	−0·13	+0·62	+0·04	−0·09	−0·15	−3·27	− 9·24	− 3·60	−0·41	+ 1·34	− 0·09	+0·13	−14·85
	Allahabad ...	+1·11	+0·49	+0·85	+0·06	−0·34	−1·03	− 9·07	− 3·90	−6·16	− 0·95	− 0·09	+0·15	−18·88
	Hamirpur ...	−0·34	+0·59		−0·09	+1·42	−3·15	−10·36	− 4·93	−5·36	+ 0·86	− 0·03	+1·17	−20·22
	Jaunpur ...	+1·39	+1·40	−0·21	+0·04	−0·45	−3·40	+ 0·99	− 3·08	−3·72	+ 2·87	− 0·11	+0·27	− 4·01
	Azamgarh ...	+0·65	+0·82	−0·01	+0·07	−0·63	−3·49	− 6·71	− 7·77	−6·28	+ 0·04	− 0·04	+0·97	−22·38
	Mirzapur ...	+0·78	+1·38	+0·10	+0·03	−0·43	−2·55	− 7·40	− 5·15	−5·34	+ 1·45	− 0·12	+0·33	−16·92
	Benares ...	+1·13	+0·96	+0·31	+0·04	−0·52	−3·76	− 4·99	− 2·73	−2·50	− 0·26	− 0·04	+0·31	−12·05
	Gorakhpur ...	+2·16	+0·40	−0·37	+0·22	−0·83	−3·88	− 8·12	− 7·39	−5·68	+ 0·24	− 0·23	+1·26	−22·22
	Basti ...	+3·24	+0·07	+0·06	+0·33	−1·10	−3·97	−13·04	− 7·47	−6·62	+ 1·87	...	+0·34	−26·29
	Ghazipur ...	+0·88	+1·06	−0·14	+0·26	−0·82	−3·06	− 7·63	− 4·26	−5·54	− 1·49	− 0·30	+0·64	−20·40
	Jalaun ...	+0·33	+1·11	−0·30	+0·16	+0·04	−1·84	− 8·08	− 9·19	−3·64	+ 1·76	...	+2·07	− 17·58
	Jhansi ...	−0·04	+0·67	−0·08	+0·32	+0·21	−2·41	−11·94	− 8·05	−0·32	+ 1·53	...	+0·88	−19·23
	Lalitpur ...	+0·04	+0 87	−0·43	−0·20	−0·38	+1·06	−12·28	− 5·69	−5·01	+ 1·11	− 0·03	+2·53	−18·41
	Almora ...	+1·96	+0·74	+1·03	+0·47	+0·28	−2·18	+ 0·08	− 1·49	−4·44	+ 0·96	− 0·20	+3·12	+ 0·33
	Naini Tal ...	+4·33	+3·13	+0 74	+1·03	+0·94	−6·74	+ 0 35	−16·44	−8·91	−10·62	− 0·05	+7·07	−25·17
	Ranikhet ...	+1·84	−0·32	+1·36	+1·25	−0·68	−1·41	− 1·06	− 8·00	−5·14	+ 0·91		+4·21	− 7·04

TABLE. *XVI.—Comparison of the monthly and annual rainfall in 1877 with the averages in Table XV,*—continued

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N. W. PROVINCES—*contd.*	Pauri ...	+2·02	+1·17	+4·45	+ 2·00	+4·60	+ 1·21	– 7·47	– 8·16	– 5·13	– 0·22	– 0·01	+1·68	– 0·86
	Rudarpur ...	+2·04	+0·09	– 0·34	– 0 09	– 0·94	– 1·44	– 8·78	– 5·94	– 6·01	+ 1·56	...	+3·20	– 16·65
OUDH ...	Lucknow ...	+2·31	+0·83	– 0·21	+ 0·73	– 0·60	– 4·92	– 8·61	– 10·57	– 7·93	– 0·06	...	+0·96	– 28·07
	Unao ...	+1·65	+1·35	– 0·30	+ 0·41	+0·01	– 3·96	– 8·39	– 8·64	– 5·51	+ 1·77	+0·09	+0·87	– 20·65
	Nawabganj ...	+2·53	+0·71	– 0·57	+ 1·20	– 0 21	– 4·09	– 8·44	– 5·16	– 9·91	+ 1·78	...	+1·27	– 20·89
	Sitapur ...	+1·60	– 0·38	+1·62	+ 0·36	– 0·21	– 3·76	– 9·16	– 9·70	– 7·37	+ 2·68	...	+2·15	– 22·17
	Hardoi ...	+0·90	– 0·01	+1·42	+ 0·46	– 0·07	– 0·14	– 9·69	– 8·56	– 6·55	+ 7·24	...	+1·20	– 13·80
	Kheri ...	+4·85	+0·38	+0·49	+ 0·08	– 0·27	+ 1 26	– 6·82	– 9·85	– 9·57	+ 2·51	...	+2·50	– 14·44
	Fyzabad ...	+1·97	+0·83	– 0·47	+ 0·91	– 0·42	– 4·06	– 9·71	– 7·43	– 5·64	+ 2·14	...	+0·54	– 21·34
	Bahraich ...	+2·61	+0·17	+0·58	+ 0·20	– 0·49	– 3·52	– 5·08	– 5·53	– 6·19	+ 3·31	...	+2·05	– 11·89
	Gonda ...	+1·60	+0·35	– 0·33	+ 0·63	+0·64	– 1·02	– 1·59	– 8·81	– 6·13	+ 9 41	...	+1·84	– 3·41
	Rai Bareli ...	+0·22	+0·55	...	+ 0·36	+0·12	– 3·70	– 10·00	– 7·41	– 7·01	+ 0·02	...	+0·06	– 26·79
	Sultanpur ...	+2·33	+1·89	+0·06	+ 1·34	– 0·80	– 6·33	– 8·11	– 6·25	– 9·80	+ 1·56	...	– 0·08	– 24·22
	Partabgarh ...	+1·47	+1·33	+0·45	– 0·07	+ 0 25	– 1·76	– 9·85	– 5·13	– 7·12	+ 0 07	...	+0·60	– 19·76
BAGHELKHAND.	Sutna ...	+1·42	+0·51	+1·02	+ 0·18	+0·50	– 3·33	– 12·53	– 1·00	– 0·75	+ 1·42	...	+0·13	– 12·43
	Rewah ...	+1·70	+0·53	+0·47	+ 1·42	+0·03	– 6·72	– 18·80	– 10·13	+ 0·80	+ 3·48	– 0·02	+0·08	– 27·16
	Nagode ...	+3·93	+1·04	– 0·04	+ 1·15	+0·40	– 2·71	– 10·98	+ 2·09	– 3·91	+ 1·58	– 0·05	+0·05	– 7·45
BENGAL ...	Burdwan ...	– 0·18	+0·70	– 0·01	– 0·63	+0·58	– 5·00	– 2·69	+ 7·14	– 5·50	– 2·97	– 0·37	– 0·26	– 9·19
	Bankoora ...	+0·39	+0·50	– 0·55	– 0·35	– 0·02	– 2·80	– 3·88	+ 5·20	+ 2·53	– 1·65	– 0·36	+0·21	– 0·78
	Scory ...	+2·05	+1·01	+0·05	– 0·09	– 0·43	– 3·63	– 1·90	+ 5·57	+ 2·65	– 2·83	– 0·11	+0·54	+ 2·88
	Midnapore ...	+2·25	+2·49	– 0·10	+ 1·05	– 0·94	– 1·13	– 6·67	– 0·12	– 5·23	– 3·67	– 0·43	+3·16	– 9·34
	Hooghly ...	+0·64	+0·69	– 0·07	– 2·30	– 0·22	– 0·98	– 1·32	+ 1·89	– 2·05	+ 0 03	– 0·36	+1·16	– 3·79
	Howrah ...	+1·81	+1·08	– 1·57	+ 1·68	+1·06	– 7·55	+ 1·26	+ 4·15	– 3·05	– 1 82	– 0·13	– 0·07	– 3·15
	Saugor Island ...	+2·32	+1·99	– 0·28	– 0·75	+0·66	– 3·69	+ 6·06	– 0·23	– 6·85	– 5·58	– 0·60	+0·01	– 6·94
	Calcutta ...	+2·42	+1·36	– 0·58	– 1·53	– 0·49	– 7·59	+ 2·07	+ 2·48	– 1·17	– 3·14	– 0·64	+1·92	– 4·89
	Alipore (Jail) ...	+2·10	+1·04	– 1·08	+ 0·66	+0·77	– 5·54	+ 3·33	+ 2·11	– 0·18	– 4·23	– 0·26	– 0·08	– 1·36
	Kishnaghur ...	+0·63	+1·30	+0·34	+ 4·71	– 3·66	– 2·90	+11·03	+ 9·21	– 4·87	– 1·73	– 0·07	+0·46	+14·45
	Jessore ...	+0·31	+1·21	+0 74	+ 0·02	+0·65	– 5·65	...	+ 8·07	– 0·94	– 0·63	– 0·69	– 0·11	+ 2·98
	Berhampore ...	+2·69	+0·41	– 0·59	+ 0·82	– 2·14	– 3·85	+ 3·15	+11·75	+ 0·10	– 3·57	– 0·15	+0 44	+ 9·06
	Dinagepore ...	+1·00	– 0·32	– 0·48	– 1·10	+6·16	– 11·06	+ 0·14	– 5·53	+ 4·65	– 4·00	– 0·13	+0·12	– 10·57
	Malda ...	+1·20	– 0·33	– 0·60	– 0·98	+5·69	– 4·51	+ 5·33	+ 1·70	+13·65	– 0·58	– 0·17	+0·08	+20·48
	Beauleah ...	+2·04	+0·78	– 0·84	+ 2·97	– 1·05	– 2·43	+ 1·41	+15·56	+ 1·11	– 2·38	– 0·23	+0·38	+17·32
	Rungpore ...	+1·16	– 0·11	+0·22	+ 0·42	+8·68	– 13·38	+ 7·19	– 5 82	+11·23	– 1·11	– 0·24	– 0·03	+ 8·21
	Bogra ...	+1·63	– 0·19	– 0·46	– 2·14	– 1·96	– 5·80	+ 7·45	– 3 09	+ 1·55	– 2·01	– 0·30	+0·73	– 5·68
	Pubna ...	+1·67	+0·73	+1·39	– 1·21	– 1·58	– 1·47	+ 6·05	+19·90	+ 4·92	– 1 75	– 0·11	+0·59	+28·83
	Darjeeling ...	+1·79	+0·24	+1·03	+ 3·13	+1·23	– 11·06	+ 5·54	– 11·86	+ 1·94	– 5·84	– 0·17	+0·42	– 13·61
	Jalpaiguri ...	+0·44	– 0·04	– 1·08	– 0·18	+2·88	– 9·26	– 3·53	– 16·55	+ 4·27	– 4·86	– 0·01	+0·09	– 27·83

TABLE *XVI.—Comparison of the monthly and annual rainfall in 1877 with the averages of Table. XV,*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BENGAL—*concld.*	Cooch Behar ...	+0·59	+0·24	+0·88	− 0·39	+8·11	−22·52	+ 3·96	−15·20	+16·69	− 3·98	−0·04	+0·09	−11·57
	Dacca ...	+0·20	+1·79	+1·50	− 0·20	−1·81	+ 4·32	+ 6·20	+ 5·50	+ 0·77	− 1·87	−0·72	−0·07	+15·61
	Furreedpore ...	−0·18	+0·61	+2·44	+ 0·92	−4·53	+ 2·14	+13·16	+12·47	− 2·89	− 0·38	−0·23	+0·31	+23·29
	Burrisal ...	+0·37	+1·52	+2·32	+ 0·66	+0·99	− 0·17	+ 2·00	− 1·26	+ 0·86	− 3·23	−0·39	−0·15	+12·52
	Mymensingh ...	+1·36	−0·45	...	− 3·49	−2·26	− 6·47	+17·50	+ 5·28	+ 6·48	− 0·05	−0·17	+0·64	+18·37
	Chittagong ...	−0·48	+2·58	+0·95	− 2·41	−2·92	− 4·68	+ 4·92	+18·90	+ 8·50	− 4·20	−1·42	−0·37	+19·37
	Noakhally ...	+0·57	+2·47	+0·16	+ 1·01	−4·87	+ 5·90	+16·83	− 1·53	+ 2·33	− 6·36	−1·46	−0·10	+14·95
	Tipperah ...	+0·30	+0·92	+3·52	+ 2·49	−3·32	− 3·54	+ 6·36	+ 5·29	+ 4·06	− 3·31	−0·95	−0·10	+11·72
	Rangamati Hill ...	−0·02	+3·55	+3·72	− 2·82	−3·82	− 3·07	+ 9·41	+16·96	+16·05	− 3·53	−0·55	−0·19	+35·69
	Hill Tipperah ...	+0·50	+0·98	+4·19	− 1·48	+2·79	− 6·56	+ 2·90	+ 2·21	+ 1·46	− 0·77	+0·03	−0·17	+ 6·08
	Patna ...	+0·74	+0·74	+0·03	− 0·16	+3·90	− 5·80	− 1·50	− 2·59	− 5·09	+ 3·04	−0·13	+0·54	− 6·37
	Gya ...	+0·34	+1·53	...	+ 0·05	+9·71	− 5·68	− 4·43	− 0·38	+ 2·13	− 0·93	...	+0·56	+ 2·90
	Arrah ...	+1·60	+1·91	−0·08	+ 0·15	+2·38	− 5·42	− 4·50	− 5·57	− 7·83	+ 0·18	−0·18	+0·25	−17·08
	Mozufferpore ...	+1·05	+0·51	−0·43	− 0·31	−0·29	− 4·20	− 1·24	− 6·26	− 5·76	+ 1·81	−0·02	+0·90	−14·24
	Durbhanga ...	+1·40	+1·04	−0·29	+ 0·03	+0·30	− 3·50	+ 4·59	− 0·20	− 2·61	+ 5·44	...	+0·76	+ 6·96
	Chupra ...	+1·25	+1·08	−0·10	− 0·02	+0·43	− 3·26	− 0·01	− 5·07	− 4·58	− 0·03	−0·02	+0·79	− 9·54
	Motihari ...	+3·19	+0·49	−0·70	+ 1·05	−1·00	− 6·73	+ 2·66	− 7·43	− 7·42	− 1·83	...	+0·28	−17·44
	Monghyr ...	+0·61	+0·64	−0·34	− 0·05	+5·26	− 5·45	+ 1·23	− 5·83	− 0·01	+ 0·04	−0·04	+0·23	− 3·71
	Bhagulpore ...	+1·12	+0·25	−0·13	− 0·71	+6·67	− 7·54	+ 5·80	− 3·27	+ 0·94	...	−0·03	+0·30	+ 3·40
	Purneah ...	+0·50	+0·25	−0·01	+ 0·63	+4·62	− 8·42	+ 2·47	− 6·34	+ 3·67	− 2·54	...	+0·16	− 5·01
	Nya Doomka ...	+2·31	+0·59	−0·52	+ 1·46	−0·19	− 2·08	− 1·00	+ 0·26	+ 2·81	+ 1·60	−0·01	+1·56	+ 6·79
	Cuttack ...	+0·10	+0·77	−0·08	+ 2·15	+3·39	− 4·09	− 2·93	− 5·96	− 3·24	− 3·26	−0·93	−0·47	−14·55
	False Point ...	+1·17	+3·29	−0·40	+20·07	+1·24	− 5·19	− 4·88	+ 5·99	− 4·74	−10·76	−2·79	−0·05	+ 2·95
	Pooree ...	−0·16	+1·94	+0·09	+ 0·58	+0·99	− 2·94	− 3·02	− 8·29	− 2·46	− 3·75	−1·56	−0·65	−19·23
	Balasore ...	+0·48	+0·64	−0·79	− 0·30	+0·67	+ 1·20	+10·18	+ 1·28	− 7·17	− 4·01	−0·68	−0·11	+ 1·39
	Hazaribagh ...	+1·39	+1·89	+0·12	+ 0·73	+1·16	− 1·28	− 2·72	+ 0·20	− 2·16	− 2·67	−0·22	+0·94	− 2·62
	Ranchee ...	+2·34	+2·40	+0·23	+ 1·90	+1·43	− 0·47	− 5·48	+13·98	− 3·17	− 2·98	+0·78	+0·85	+11·81
	Chyebassa ...	+2·02	+1·85	+2·08	+ 0·88	+0·38	+ 4·42	− 0·47	+ 6·65	− 3·94	− 2·56	−0·03	+0·15	+11·43
	Purulia ...	+0·53	+1·84	+0·76	+ 0·69	+4·90	+ 0·98	− 0·91	+ 7·21	+ 0·25	− 3·10	−0·08	+0·17	+13·24
ASSAM ...	Silchar ...	+0·95	+1·69	+2·61	− 3·36	+3·17	− 4·12	+ 1·15	+ 4·54	+ 1·00	− 0·89	+0·39	−0·17	+ 6·96
	Sibsagar ...	−0·22	−1·62	+1·23	− 3·23	+1·51	− 2·54	+ 1·69	− 0·02	+ 0·56	− 2·27	+2·30	−0·29	− 2·90
	Sylhet ...	+2·36	+0·38	− 2·30	−11·09	−2·95	− 2·87	+ 3·84	− 6·08	+28·04	− 5·80	+0·53	+0·52	+ 4·58
	Goalpara ...	+0·49	+0·16	+0·92	+ 2·29	+1·99	−19·20	− 1·63	− 1·88	+ 5·70	− 3·64	−0·25	+0·34	−14·71
	Tura ...	+0·54	−0·86	+0·78	+ 1·10	+5·60	−13·29	+ 7·09	− 4·71	+ 4·12	− 1·64	−0·39	+0·13	− 1·53
	Gauhati ...	+0·80	−0·08	+2·55	+ 0·42	+0·70	− 8·12	− 1·55	− 4·06	− 1·47	− 1·59	−0·24	+0·62	−12·02
	Tezpur ...	+0·17	−0·10	+4·86	− 2·19	+1·38	− 5·90	+ 4·07	− 3·13	− 0·90	− 1·41	+0·14	−0·43	− 3·44
	Nowgong ...	−0·17	−0·13	−1·16	− 0·91	+0·54	− 2·16	− 7·32	− 8·24	− 5·95	− 1·73	−0·37	+0·01	−27·59

TABLE *XVI.—Comparison of the monthly and annual rainfall in 1877 with the averages of Table XV,*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
ASSAM—*concld.*	Dibrugarh ...	−0·55	−1·06	+0·54	−2·46	+3·06	− 3·90	− 1·67	− 9·75	+ 6·38	−3·11	+0·51	+4·58	− 7·43
	Shillong ...	+1·07	+0·15	+0·87	+1·40	+6·98	− 1·50	+ 4·73	+ 1·98	+ 6·32	−1·36	−1·15	−0·12	+19·37
	Samaguting ...	+0·77	−0·06	+1·12	+1·59	+2·39	+ 4·68	+ 3·29	+ 9·49	− 0·48	−1·23	−0·05	+0·18	+21·69
CENTRAL PROVINCES.	Nagpur ...	+3·52	+0·19	−0·39	+1·67	+0·39	+ 1·29	+ 2·24	+ 4·22	− 2·81	+2·75	−0·22	+1·17	+14·02
	Bhandara ...	+2·74	−0·79	−0·26	+2·83	+1·59	+ 2·27	− 0·75	+ 4·40	− 1·18	−0·16	+0·14	+0·62	+11·45
	Chanda ...	+1·21	−1·05	−0·20	+3·48	−2·40	− 4·71	− 2·52	− 3·00	− 4·49	−0·51	−0·43	+1·12	−13·50
	Wardha ...	+1·24	+0·68	−0·25	+1·30	+0·15	− 0·58	+ 0·36	− 3·25	− 2·82	+0·59	+0·02	+1·65	− 0·91
	Hinganghat ...	+2·19	+0·56	+0·01	+1·53	−0·08	− 3·68	− 0·69	− 0·92	− 3·81	+0·81	−0·17	+1·01	− 3·24
	Balaghat ...	+3·71	+2·05	−0·23	+1·69	+2·88	− 0·12	− 5·13	− 0·89	− 3·34	+2·05	+1·09	+0·67	+ 4·43
	Sironcha ...	+0·46	+0·85	+1·00	+2·22	+6·68	− 3·08	+ 1·25	− 3·81	− 3·63	+1·67	−0·23	−0·09	+ 3·29
	Jubbulpore ...	+1·68	+0·60	+1·48	+3·28	+2·20	+ 9·31	−11·03	− 4·18	− 6·71	−0·25	−0·29	−0·19	− 4·10
	Saugor ...	+2·31	−0·29	−0·14	+0·85	−0·23	− 0·42	−10·52	− 7·45	− 7·27	+1·63	−0·29	+1·40	−20·42
	Damoh ...	−0·31	−0·07	−0·19	−0·08	+0·64	+ 4·45	−10·70	− 7·79	− 3·56	+1·15	−0·29	+0·57	−16·18
	Seoni ...	+3·00	+0·71	+0·23	+2·78	−0·12	+ 2·48	− 5·17	− 2·21	− 2·17	+3·91	−0·03	+2·71	+ 6·12
	Mandla ...	+2·34	−0·54	+1·95	+5·73	+0·66	+ 4·68	− 9·44	− 4·27	− 2·13	−0·15	−0·09	+0·41	− 0·85
	Badnur ...	+2·49	+0·36	+0·02	−0·30	−0·49	+ 2·80	− 1·22	+ 4·13	− 5·35	+3·93	−0·07	+2·46	+ 8·76
	Chhindwara ...	+5·38	+1·19	−0·18	+1·88	+1·12	− 2·10	− 5·68	+ 2·91	− 1·98	+2·33	+1·07	+1·98	+ 7·92
	Hoshangabad ...	+1·03	+0·33	−0·07	+0·05	−0·15	− 1·18	+ 1·25	− 5·04	− 8·38	+1·96	−0·36	+2·94	− 7·62
	Narshingpur ...	+1·48	+1·86	+0·66	+0·21	+0·59	− 3·80	+ 9·02	− 4·75	− 0·96	+1·15	−0·13	+2·56	+ 7·89
	Khandwa ...	+0·25	+2·33	−0·04	+0·02	−0·09	− 1·66	− 3·71	+ 3·65	− 4·34	+0·37	+0·03	+1·37	− 1·82
	Pachmarhi ...	+3·26	+1·26	+1·40	+2·34	−0·26	− 1·71	− 7·77	−10·32	−12·12	+3·80	...	+2·19	−17·93
	Raipur ...	+3·05	+0·02	+0·22	+2·89	+1·51	+ 1·53	− 8·77	+ 3·57	− 6·86	+0·91	−0·84	+0·38	− 2·39
	Sambalpur ...	+3·62	+0·82	−0·48	−0·10	+1·11	+ 5·75	− 2·37	+ 6·47	− 1·99	−0·87	−0·11	+0·77	+12·62
	Bilaspur ...	+1·70	+0·58	+0·23	+1·69	+6·53	+ 4·61	+ 5·33	+12·95	− 0·19	+2·22	−0·15	−0·15	+35·37
HYDERABAD ASSIGNED DISTRICTS.	Amraoti ...	+1·43	+1·06	−0·06	+1·67	−0·20	+ 0·93	− 3·80	− 2·99	− 4·20	+1·25	−1·09	+3·56	− 2·44
	Akola ...	+2·50	+0·90	−0·08	...	...	+ 1·38	− 3·42	− 2·21	− 2·44	+0·79	−0·07	+2·17	− 0·48
	Buldana ...	+1·34	+0·34	+0·69	+0·33	−0·88	− 2·04	− 2·46	+ 1·99	− 2·95	+1·92	−0·14	+0·89	− 0·97
	Chikalda ...	+0·61	+0·29	+0·08	−0·04	+0·25	− 1·68	− 6·95	− 5·36	− 5·49	+1·36	+0·46	+3·47	−13·00
BOMBAY ...	Dhulia ...	+0·93	+0·58	...	...	−0·07	− 0·52	− 0·70	+ 6·27	− 0·86	−0·12	−0·38	+0·58	+ 5·71
	Nasik ...	−0·07	+0·19	+0·12	−0·08	−0·37	− 1·20	− 3·73	− 3·81	+ 2·31	+0·20	−0·68	−0·04	− 7·16
	Igatpuri ...	−0·12	+1·31	−0·12	−0·17	−0·81	−11·79	−14·26	−19·99	− 2·59	−1·12	−0·39	−0·22	−50·27
	Malegaon ...	+0·08	+0·20	+0·01	−0·46	+0·06	+ 0·19	− 1·45	+ 0·02	− 3·31	−0·60	−0·43	+0·59	− 5·13
	Ahmednagar ...	−0·56	−0·07	−0·09	+1·56	−0·51	+ 4·71	− 2·54	− 0·40	− 1·75	−0·14	−0·51	−0·06	− 0·36
	Poona Observatory	−0·26	+0·07	−0·07	−0·52	−1·54	+ 2·95	− 5·23	− 2·92	+ 0·58	−0·96	+1·16	−0·21	− 6·95
	Lanauli ...	−0·12	−0·06	−0·50	−0·05	−0·08	− 9·77	−34·29	−11·02	−10·95	+1·59	+0·08	−0·12	−65·29
	Satara ...	−0·45	+1·03	−0·07	−0·98	−0·63	− 3·65	− 8·17	− 2·76	+ 4·32	+2·92	−1·19	−0·45	−10·08

TABLE XVI.—*Comparison of the monthly and annual rainfall in 1877 with the averages of Table XV*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BOMBAY—*contd.*	Malcolm Peth, Mahableshwar.	−0·56	+0·28	−0·50	−1·12	+0·78	− 3·81	−49·37	−28·93	− 5·10	+ 4·58	−0·67	−0·10	−84·52
	Sholapur ...	−0·05	−0·02	+0·19	+0·78	−1·08	+ 3·91	− 0·43	+ 0·72	+ 4·77	+ 0·44	−0·66	+1·22	+ 9·79
	Kolhapur, C. H. ...	−0·02	+0·06	−0·03	−0·31	−1·29	+ 6·30	− 8·03	+ 1·52	+ 7·21	+ 3·39	−0·53	−0·16	+ 8·11
	Boura (Fort) ...	...	+0·09	−0·06	−0·94	+1·39	+ 1·80	−68·16	+ 4·73	−10·16	+11·83	+0·83	+0·53	−58·12
	Belgaum Observatory.	−0·08	−0·02	−0·52	+1·49	−1·66	+ 6·64	−11·51	− 1·10	+ 3·28	+ 2·93	−0·86	+0·25	− 1·16
	Gokak ...	−0·10	...	−0·15	−0·36	−1·12	+ 2·64	− 1·27	+ 0·75	+ 7·01	+ 4·48	−0·13	+1·00	+12·75
	Dharwar ...	−0·16	−0·02	−0·32	+0·93	+0·47	− 0·76	− 5·02	− 1·90	+ 7·68	+ 2·81	−1·71	+1·30	+ 3·30
	Hubli ...	−0·10	...	−0·16	+1·50	−1·02	+ 4·46	− 3·07	− 0·18	+10·57	+ 2·41	−0·43	+1·51	+15·49
	Nargund ...	−0·29	...	−0·26	−0·02	−0·36	− 0·27	− 1·54	− 1·34	+ 8·69	+ 3·97	−0·17	+0·32	+ 8·73
	Mandargi ...	...	...	−0·22	+1·57	+0·46	+ 1·96	− 1·97	+ 0·13	+ 4·31	+ 1·84	...	+0·11	+ 8·19
	Kalghatgi ...	−0·12	...	−0·32	−0·27	+0·50	− 2·41	− 5·28	− 1·08	+ 2·35	+ 4·67	−0·39	+0·46	− 1·89
	Bijapur ...	−0·04	...	+0·04	+2·03	−0·07	+ 0·91	+ 0·36	+ 0·27	+ 8·88	+ 5·19	−0·14	−0·25	+17·18
	Karwar ...	−0·17	...	−0·10	−0·33	−0·79	−10·59	−26·77	+ 2·00	+ 1·17	+11·88	−0·38	+1·07	−23·01
	Honawar ...	−0·38	...	−0·26	−0·35	−2·32	−13·89	−25·65	− 3·31	− 5·52	+ 6·19	−0·55	−0·14	−46·18
	Vingorla ...	−0·35	...	−0·08	−0·09	−1·00	−10·85	−28·86	− 8·87	− 1·49	+ 8·78	−0·25	−0·04	−43·10
	Ratnagiri ...	−1·97	−0·02	...	−0·31	−1·04	+13·08	−22·50	− 6·63	− 0·53	+ 3·22	−0·37	−0·09	−17·16
	Colaba Observatory	+0·09	+0·50	...	−0·04	−0·48	+14·61	−12·98	− 6·61	− 1·72	+ 6·74	−0·45	−0·04	− 0·38
	Byculla J. J. Hospital.	−0·26	...	...	...	−0·23	+ 7·12	−12·73	− 5·25	− 4·26	+ 5·84	...	...	− 9·77
	Esplanade ...	−0·35	...	...	...	−0·20	+10·83	−14·93	− 6·05	− 6·81	+ 4·17	...	...	−13·34
	Tanna (Huzur station).	−0·02	+1·29	+0·10	...	+0·29	−13·26	−16·92	− 2·50	− 4·34	+ 3·36	...	...	−32·00
	Matheran ...	−0·03	...	+0·05	−0·01	+0·04	−20·89	−51·19	−35·72	−15·17	+ 1·61	...	−0·03	−121·34
	Surat, Jail Hospital	...	−0·06	...	...	−0·18	− 6·74	− 9·63	− 6·98	− 2·32	+ 2·62	−0·15	...	−23·44
	Broach ...	+0·20	−0·04	...	...	+0·09	− 3·09	− 9·67	− 6·96	− 1·40	+ 6·10	−0·28	−0·07	−15·12
	Kaira, C. H. ...	...	+0·89	−0·01	+0·55	+0·38	+ 0·52	− 4·18	− 9·25	+ 1·77	+ 4·79	−0·26	+0·94	− 3·86
	Godra Dispensary	...	+0·35	−0·02	−0·01	+0·1[illegible]	− 1·01	−10·99	−12·06	− 2·00	+ 1·08	−0·07	+0·61	−24·02
	Ahmedabad City ...	...	+0·12	−0·05	...	−0·09	− 0·91	− 4·18	− 8·70	+ 1·46	+ 4·51	−0·06	+0·40	− 7·50
	Baria ...	+0·48	+0·72	−0·01	...	−0·01	− 1·11	−10·97	− 9·80	− 5·91	+ 0·33	−0·14	+0·47	−25·95
	Edar Dispensary ...	...	+0·76	...	...	+0·78	− 0·97	−12·21	− 9·98	− 3·55	+ 3·27	+0·89	+0·26	−20·75
	Palanpur ...	...	+0·34	−0·01	−0·03	−0·32	− 1·07	− 2·48	−11·65	− 0·85	+ 3·16	...	+0·29	−12·62
	Rajkot, C. H. ...	+0·26	−0·08	−0·03	...	−0·51	− 3·12	− 6·06	− 7·00	+ 3·69	+ 1·30	−0·36	+0·31	−11·57
	Bhuj ...	−0·01	+0·21	−0·08	−0·03	−0·26	− 1·38	− 3·98	− 3·89	+ 8·94	+ 0·19	−0·01	−0·06	− 0·36
	Kurrachee Observatory.	−0·69	+1·32	−0·05	+0·21	−0·07	− 0·22	− 2·59	− 1·69	− 0·66	− 0·09	−0·07	−0·20	− 4·80
	Sehwan Dispensary	−0·68	+0·26	−0·03	+1·06	−0·04	− 0·01	− 2·22	− 2·92	+ 0·26	− 0·01	−0·20	+0·01	− 4·52
	Tatta Dispensary...	−0·09	+0·60	+0·12	+1·90	...	− 0·25	− 3·42	− 0·40	+ 3·79	+ 0·06	−0·23	−0·06	+ 2·02

TABLE XVI.—*Comparison of the monthly and annual rainfall in 1877 with the averages of Table XV*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BOMBAY—*concld.*	Hyderabad ...	−0·20	+0·24	−0·10	+0·47	−0·02	− 0·65	− 2·67	− 3·47	+ 1·59	− 0·01	−0·06	...	− 4·88
	Umarkot ...	−0·18	+0·10	−0·10	+0·18	+0·25	− 1·15	− 3·83	− 4·58	+ 2·75	− 0·33	...	− 0·01	− 6·90
	Nagar ...	−0·19	+0·45	−0·09	...	+0·62	− 1·14	− 2·44	− 6·68	+ 1·56	+ 0·63	−0·01	...	− 7·29
	Shikarpur ...	+0·51	−0·21	+0·17	+0·43	−0·04	− 0·21	− 1·21	− 1·47	− 0·02	− 0·01	−0·04	+ 0·19	− 1·01
	Rohri ...	+0·40	−0·60	−0·20	−0·20	−0·33	− 0·33	− 1·24	− 1·00	+ 0·70	...	−0·10	− 0·04	− 2·94
	Jacobabad ...	−0·27	−0·20	−0·30	+0·03	−0·18	− 0·10	− 1·37	− 0·99	+ 0·62	...	+0·71	+ 0·36	− 1·69
	Deesa Observatory	−0·14	+0·44	−0·06	−0·06	+0·32	+ 0·50	− 5·61	− 8·07	+ 0·03	+ 0·97	−0·09	+ 0·06	−11·71
	Goa ...	...	...	−0·01	−0·05	−0·13	−11·02	−16·37	+ 2·29	+ 4·24	+ 7·33	−0·17	+ 0·56	−13·33
MADRAS ...	Arcot ...	−0·50	−0·88	−0·34	−0·30	+1·16	+ 1·16	− 0·45	+ 2·61	+ 4·19	+ 0·91	+0·71	− 0·39	+ 7·88
	Chittoor ...	−0·28	−0·26	+1·38	−0·16	+1·13	+ 0·86	− 2·16	− 0·43	+ 3·75	+ 5·31	+2·47	− 0·72	+10·91
	Pulmanair ...	−0·17	−0·21	+1·11	+0·95	−0·20	− 0·97	− 2·50	− 0·84	+ 6·65	+ 6·36	+0·36	+ 1·21	+11·75
	Vellore ...	−0·77	−0·46	−0·06	+0·58	+0·06	+ 0·60	− 1·95	− 2·04	+ 5·64	+ 7·12	−0·61	+ 0·86	+ 8·97
	Cuddalore ...	−0·60	−0·44	−0·17	−1·55	+5·83	+ 0·21	− 0·87	− 2·25	+ 3·37	+ 2·45	−3·21	+11·99	+14·76
	Tindevanum ...	−0·43	−0·94	−0·22	−0·58	+6·67	− 0·55	− 0·82	− 5·89	+ 5·53	+ 4·26	−0·10	+ 0·24	+ 7·17
	Virdachellum ...	−0·50	−0·51	−0·08	−0·57	+1·51	+ 0·10	− 0·26	− 2·09	+ 5·66	+ 8·37	+1·68	+ 5·66	+18·97
	Bellary ...	−0·03	−0·04	−0·40	+1·65	−1·39	+ 0·01	+ 0·45	− 0·25	+ 1·79	+ 5·41	+0·02	+ 0·70	+ 7·92
	Gooty ...	−0·06	−0·09	−0·03	−0·57	+3·12	− 0·03	...	+ 1·48	+ 2·19	+ 4·82	+1·84	− 0·11	+12·56
	Mangalore ...	−0·23	−0·12	−0·16	−1·79	−7·33	+ 1·09	−12·72	+12·09	+ 6·75	+ 3·86	+0·25	− 0·52	+ 1·17
	Chingleput ...	−0·13	−0·48	−0·11	−0·22	+7·40	+ 0·79	− 1·33	− 1·11	+ 4·64	+ 2·11	+0·21	− 1·41	+10·36
	Conjeveram ...	−0·46	−0·65	+0·06	−0·35	+4·30	+ 2·16	− 2·77	− 1·30	+ 1·26	+ 0·92	−4·05	+ 0·41	− 0·47
	Caroor ...	−0·33	−0·19	−0·19	−1·92	−0·35	− 1·77	− 1·12	− 2·48	+ 3·22	+ 1·90	+2·23	+ 2·16	+ 1·16
	Coimbatore ...	−0·14	−0·14	+0·04	−1·41	−0·27	+ 1·45	− 1·29	− 0·42	+ 0·57	+ 7·43	−0·63	+ 1·30	+ 6·49
	Cuddapah ...	−0·15	...	+1·59	−0·27	+0·48	+ 1·83	− 1·81	− 2·63	− 0·71	− 2·06	−1·47	− 0·50	− 5·70
	Aska ...	+0·70	+3·58	+1·62	+0·75	+3·49	− 2·81	?	− 3·51	− 3·56	− 3·83	+0·39	− 0·34	...
	Ganjam ...	−0·13	+1·16	+1·55	+1·81	+6·89	− 1·00	− 0·98	+ 0·10	− 2·47	− 8·10	+0·01	− 0·14	− 1·00
	Coconada ...	+0·72	+2·45	+0·38	−0·54	+7·39	− 2·98	− 0·98	+ 1·43	+ 0·45	+ 0·09	−1·82	− 0·32	+ 6·27
	Ellore ,,	+0·33	−0·13	+1·07	−0·36	+0·39	− 2·28	− 1·72	+ 1·01	+ 0·47	+ 2·72	−1·79	− 0·42	− 0·71
	Rajahmundry ...	+2·70	+1·82	−0·05	−0·45	+2·52	− 1·70	− 4·26	− 2·64	+ 0·63	− 3·50	−0·91	...	− 5·84
	Guntoor ...	+0·57	+1·49	+5·77	−0·87	+3·88	− 1·95	− 1·62	− 2·02	+ 0·38	− 0·03	−0·27	− 0·15	+ 5·18
	Masulipatam ...	+0·10	−0·02	+0·35	−0·03	+0·17	− 0·91	+ 0·15	− 2·13	+ 1·80	− 0·54	−0·17	− 0·10	− 1·33
	Kurnool ...	−0·02	−0·06	+0·72	−0·78	+0·89	− 1·80	− 4·32	− 3·45	+ 0·80	+ 0·64	−0·21	− 0·21	− 7·83
	Dindigal ...	−0·61	−0·47	+0·58	−1·82	−1·70	+ 0·86	− 0·44	− 1·60	+ 7·48	+ 1·89	+5·57	+ 6·13	+15·87
	Madura ...	−0·46	−0·49	−0·10	−2·24	+0·05	− 0·01	− 0·95	− 3·03	+ 2·25	+ 8·62	+6·20	+11·00	+20·87
	Pasumali ...	−0·93	−0·51	+0·01	−2·56	−2·71	+ 0·73	− 1·68	− 2·98	+ 1·92	+ 8·49	+0·67	+ 7·54	+ 7·99
	Calicut ...	−0·23	−0·25	−1·09	−0·61	−1·31	− 1·21	−16·64	+11·31	+13·42	+16·57	+4·72	− 0·45	+24·23
	Cannanore ...	−0·64	−0·40	−0·17	−0·73	−4·81	− 6·51	−33·02	+12·95	+ 4·09	+11·45	+0·78	+ 0·61	−16·50
	Cochin ...	−1·05	+0·62	+0·70	+6·09	−5·69	+12·14	− 8·16	+ 0·71	+ 7·25	+11·98	+4·01	+ 3·20	+31·80

TABLE XVI.—*Comparison of the monthly and annual rainfall in 1877 with the averages of Table XV*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
MADRAS—*concld.*	Manantoddy ...	−0·43	−0·45	+0·75	+2·65	− 1·74	+17·98	−18·02	+10·44	− 0·86	+ 8·67	− 0·81	+ 1·50	+19·68
	Palghat ...	−0·10	−0·15	+1·87	−2·09	− 0·51	+ 1·35	−14·46	+14·52	+ 4·21	+ 6·68	+ 2·27	+ 6·29	+19·88
	Tellicherry ...	−0·57	−0·11	−0·46	+0·39	− 3·25	− 1·97	−26·76	+13·32	+ 7·56	+10·52	− 1·33	+ 0·89	− 1·77
	Nellore ...	−0·47	−0·06	+2·30	−0·11	+ 7·35	+ 0·79	− 1·81	− 2·84	+ 2·58	+ 3·64	− 3·39	+ 0·91	+ 8·89
	Ongole ...	−0·35	+0·36	+2·23	−0·08	+ 5·30	− 0·93	− 0·86	− 2·79	+ 5·38	+ 2·53	− 2·15	+ 0·54	+ 9·18
	Ahtur ...	−0·41	−0·37	+1·98	−1·17	− 0·01	+ 1·36	− 2·11	− 0·61	+ 0·32	+ 5·25	− 1·33	+ 1·75	+ 4·65
	Salem ...	−0·24	−0·08	+2·01	−2·17	− 0·84	+ 3·52	− 3·16	− 0·81	+ 3·89	+ 4·71	+ 0·69	+ 1·57	+ 9·09
	Shevaroy Hills ...	−0·29	−0·21	+2·51	−1·47	− 2·76	+ 3·03	− 5·66	− 7·37	+ 6·23	+12·91	+ 0·55	+ 1·92	+ 9·39
	Combaconum ...	−0·61	−0·71	−0·54	−0·92	+ 0·96	− 0·47	− 1·35	− 2·93	+ 1·30	− 0·09	+ 6·29	+ 6·77	+ 7·70
	Negapatam ...	−0·25	−0·99	−0·09	−1·42	+ 2·28	− 0·17	− 1·13	− 2·31	+ 1·82	− 2·13	+ 2·02	+ 7·95	+ 5·58
	Tanjore ...	−0·64	−0·63	−0·47	−1·14	+ 0·17	+ 2·15	− 1·03	− 2·99	+ 1·85	+ 4·27	+ 1·93	+ 6·14	+ 9·61
	Tranquebar ...	−0·79	−0·41	−0·01	−1·65	+ 4·65	− 0·32	+ 1·66	− 1·11	+ 0·57	− 3·85	+11·82	+ 8·34	+18·90
	Tinnevelly ...	−1·74	−1·14	+1·13	−1·46	− 0·88	+ 1·74	− 0·26	− 0·61	+ 0·81	− 0·70	+ 6·06	+11·86	+14·81
	Tuticorin ...	−1·24	−0·38	+0·52	+0·44	− 0·58	− 0·15	− 0·23	− 0·21	− 0·04	+ 1·47	+ 5·88	+11·07	+16·55
	Oodiarpalliam ...	−0·72	−0·53	−0·02	−0·72	− 0·09	+ 0·40	− 1·88	− 2·53	+ 0·16	− 0·19	− 0·77	+ 3·35	− 3·54
	Trichinopoly ...	−0·90	−0·60	−0·59	−1·68	− 1·84	− 1·82	− 1·95	− 3·67	+ 4·20	+ 4·47	+ 0·69	+ 1·93	− 1·76
	Bimlipatam ...	+0·82	+0·96	+1·29	+0·11	+ 5·91	− 1·29	+ 2·32	− 2·27	+ 0·79	− 2·16	− 0·73	− 0·25	+ 5·50
	Vizagaptam ...	+1·16	+1·23	+1·22	−0·92	+10·36	− 3·93	− 0·99	− 2·61	+ 2·12	− 8·83	− 0·96	− 0·78	− 2·93
	Vizianagram ...	−0·26	+4·85	+6·82	+1·55	+10·77	− 1·69	+ 1·19	− 3·50	− 2·19	− 5·36	− 1·14	− 0·20	+10·84
	Bangalore ...	−0·26	−0·15	+0·10	+0·72	− 1·66	− 0·01	− 2·53	− 2·85	+ 6·18	+ 3·28	+ 1·06	− 0·54	+ 3·34
	Madras ...	−0·95	−0·29	−0·40	−0·70	+18·92	+ 0·34	− 2·55	− 1·99	− 1·63	− 2·24	+ 8·08	+ 0·82	+17·41
HYDERABAD...	Secunderabad ...	+0·30	−0·05	+1·02	+0·55	+ 1·19	− 0·99	− 3·08	− 0·78	− 0·01	+ 2·97	+ 1·44	+ 1·86	+ 4·42
CEYLON ...	Colombo ...	−0·45	−1·31	−3·36	−5·00	− 2·50	+ 6·37	+ 0·51	+ 2·83	+16·22	− 3·32	+ 1·70	+11·71	+23·40
	Ratnapura ...	−3·96	−1·14	+0·41	+1·22	+10·60	+ 8·67	− 4·82	+ 8·09	− 1·21	− 3·28	+10·40	+ 5·95	+31·13
	Pattalam ...	−1·75	−1·34	+3·09	−1·10	+ 4·15	+ 1·71	+ 0·12	+ 1·62	+ 7·01	+ 3·93	+ 8·56	+ 9·72	+35·72
	Anuradhapura ...	−2·19	−1·52	+1·87	+1·02	+ 1·10	− 0·43	+ 0·01	− 2·25	− 0·88	+ 5·24	+ 7·02	+12·64	+21·63
	Mannaar ...	−1·96	−1·01	+0·18	−1·34	− 0·31	− 0·25	− 0·18	− 0·66	− 0·15	+ 0·93	− 0·13	+11·14	+ 6·26
	Jaffna ...	−0·84	−1·51	−0·41	−0·30	− 0·60	− 0·78	+ 1·44	− 1·17	− 1·11	+ 5·73	+ 6·60	+ 6·27	+13·32
	Trincomalee ...	−5·04	−2·17	+0·37	−1·64	+ 0·88	− 0·49	− 2·23	− 2·02	+ 2·46	+ 5·09	+ 3·44	+ 7·59	+ 6·24
	Batticaloa ...	−5·74	−1·62	+2·09	−0·47	+ 1·06	− 1·18	− 0·46	− 2·28	+ 1·87	+ 3·21	+ 0·31	+ 5·67	+ 2·37
	Hambantota ...	−3·32	−2·82	+0·39	+0·01	+ 7·60	+ 4·05	− 0·08	+ 2·61	+14·32	+16·51	− 1·67	+ 6·03	+43·63
	Galle ...	−1·65	−2·96	+4·00	−0·88	+ 7·20	− 0·24	− 0·74	+ 8·03	+23·78	+ 6·60	+ 3·20	+ 5·29	+51·72
	Kandy ...	−4·65	−3·04	+1·54	−1·41	+ 5·52	+ 1·59	− 3·15	+ 0·72	− 2·93	+ 3·55	+ 9·88	+ 9·77	+17·39
	Newara Elya ...	−4·94	+0·65	+0·13	−5·08	+12·25	+ 3·83	− 8·81	+ 1·57	+ 1·53	+ 9·63	+ 6·77	+13·22	+30·78
BRITISH BURMA.	Akyab ...	−0·13	−0·21	−0·45	−1·18	−10·71	− 7·06	+ 8·36	+ 4·58	− 2·84	− 7·88	+ 5·13	− 0·20	−12·59
	Kyouk Phyoo ...	−0·11	−0·08	−0·43	−1·05	− 8·02	− 3·91	+18·31	+33·68	+11·45	− 0·23	+11·95	− 0·12	+61·44

TABLE XVI.—*Comparison of the monthly and annual rainfall in 1877 with the averages of Table XV*—concld.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BRITISH BURMA—*contd.*	Sandoway ...	−0·07	−0·09	−0·20	−0·78	−12·99	+ 6·95	+14·14	+24·52	− 2·86	−3·84	+6·31	−0·09	+31·00
	Rangoon ...	−0·06	−0·06	−0·08	−1·69	−11·17	+ 7·28	+ 0·67	+ 2·80	− 1·74	+2·27	+1·51	...	− 0·27
	Bassein ...	−0·25	...	−0·14	−1·02	− 1·94	+25·21	+ 5·66	+12·56	− 5·40	+0·84	−0·45	−0·03	+35·04
	Henzada ...	−0·11	...	...	−0·56	− 1·06	+ 3·52	+ 0·63	+ 4·16	− 1·82	+0·94	−0·93	...	+ 4·77
	Prome ...	...	...	−0·01	+0·43	− 3·55	+ 2·26	− 2·22	+ 2·69	− 1·64	+0·13	+5·29	...	+ 3·88
	Thyetmyo ...	...	−0·04	−0·13	−0·19	− 2·83	+ 4·22	+ 0·73	+ 9·89	− 4·47	+4·16	+0·18	−0·01	+11·51
	Toungboo ...	...	...	−0·04	−0·96	− 6·13	+ 6·39	+ 5·86	− 2·13	− 1·76	−0·44	+2·54	−0·06	+ 3·27
	Moulmein ...	...	−0·04	+0·31	−3·09	− 9·80	+ 4·79	−11·52	+ 3·75	−11·21	−1·37	+1·06	−0·01	−27·13
	Tavoy ...	−0·13	−0·71	−0·53	−2·27	+ 0·40	+15·29	+ 9·42	+13·38	−21·44	−3·26	+0·28	+0·92	+11·35
	Mergui ...	−0·41	−1·27	+1·74	−4·34	− 1·24	+ 1·04	+ 1·32	+ 1·24	− 8·83	−3·34	−0·56	−0·44	−15·09
	Shwe Gyen	−0·01	−0·42	−0·66	−1·61	−13·38	+ 2·72	+ 5·82	+ 0·25	+ 4·53	−2·32	+1·72	...	− 3·36
ANDAMANS ...	Port Blair...	+0·53	+3·11	+0·50	−2·18	−11·87	+ 7·09	− 9·12	+ 1·95	− 1·71	+5·01	−0·53	+5·79	− 1·43
NICOBAR ...	Nancowry...	−2·96	−1·37	−2·41	−4·31	− 6·94	+ 4·59	− 5·87	− 0·78	+ 6·67	−6·16	−1·03	−0·68	−21·25

The following discussion of the rainfall of the year is necessarily imperfect. Returns of the daily rainfall of all the Meteorological and Revenue stations for the Punjab, the Central Provinces, and the Bengal Presidency for the year 1877 have been received by the Central Office. Weekly returns (giving the weekly totals) have been received for the North-Western Provinces, and monthly returns (furnishing the monthly totals) for Burma, Madras, and Bombay. The thorough discussion of the phenomena and distribution of rainfall in India is almost impossible amidst the diversity of the preparation of the returns which, it is to be feared, accompanies considerable diversity in the instruments employed for measuring rainfall, the hours of registering it, and the modes of testing the accuracy of the returns. The accurate registration of rainfall over the whole of India, and the rapid preparation of the returns showing its occurrence and distribution, is a primary necessity, whether judged simply from a practical and economical point of view, or from a scientific standpoint.

January.—The rainfall in January, due to what are usually termed "the cold weather rains," is confined almost entirely to Northern and Central India, *i.e.*, the Punjab, North-Western Provinces, Behar, Bengal, Rajputana, the Central Provinces, and Orissa. It is greatest on the average in the Punjab and western districts of the North-Western Provinces, and diminishes in amount eastwards and southwards. The phenomena of these cold weather rainfalls are generally simple. The barometer falls for several days; easterly winds set in over the Gangetic valley, thus reversing the normal direction of the lower atmosphere current; clouds form, and rain begins to fall, generally commencing in the Punjab, and extending eastward over the North-Western Provinces, and occasionally over Behar, Bengal, and even Assam. The explanation appears simple. It has been pointed out (page 48) that the important air movements at this time are not horizontal, but vertical. The fall of the barometer preceding the setting in of the easterly winds and the rainfall appear to indicate an ascensional movement of the atmosphere going on over a part or

the whole of Northern India. This ascensional movement is, in the majority of cases, the indispensable condition for the formation of cloud and for rain precipitation. This is followed by indraught, which takes mainly the form of an easterly current up the Gangetic valley. Hence, according to this view, the easterly winds are a frequent accompaniment and therefore an occasional indication; but they are not the cause of the cold weather rains, neither do they bring them. These rains are almost entirely due to the moisture brought up by the upper south-west current, the reverse of the north-east trade wind, which is the characteristic wind of the lower strata of the cold season in Southern Asia and the adjacent seas.

The average rainfall of January in Burma and Bombay is almost *nil*. The Madras Coast and Southern India receive very moderate rain from the north-east monsoon, an average of about one inch for the month falling over this area. The east coast region of Ceylon, on the other hand, has a much more considerable rainfall.

The rainfall of January 1877 was very largely in excess in the Punjab (more specially the eastern districts bordering on the Himalayas), the North-Western Provinces, Oudh, Behar, Chutia Nagpur, Bengal, Orissa, Assam, the Central Provinces, the Berars. It was, on the other hand, below the average in Bombay and Burma (where no rain fell), and in Madras, excepting a small area, including the towns of Coconada, Ellore, Rajahmundry, Masulipatam, Vizagapatam, Guntoor, and Bimlipatam. It was also very considerably in defect in Ceylon, where the rainfall was abnormally small. The contrast between the character of the rainfall in Northern and Southern India was hence very marked during the month. Northern India was abnormally wet, whilst Southern India was unusually dry. The excessive rainfall in the eastern districts of the Punjab is shown by the following table:

	Average rainfall, January.	Rainfall, January 1877.	Excess in January 1877.
Umballa	1·41	3·80	2·39
Jullundur	1·50	4·30	2·80
Amritsar	1·06	3·90	2·84
Rawalpindi	2·28	4·80	2·52
Jhelum	1·59	9·20	7·61
Guzerat	1·90	4·50	2·60
Peshawar	1·50	3·20	1·70

The rainfall due to the north-east monsoon was specially deficient in Ceylon. The following gives the comparison for the more important stations:

	Average rainfall, January.	Rainfall, January 1877.	Defect in January 1877.
Trincomalee	5·77	0·73	5·04
Hambantota	3·32	*Nil*	3·32
Galle	3·11	1·46	1·65
Kandy	5·08	0·43	4·65
Manaar	1·96	*Nil*	1·96

The first general rain of the month commenced on the 11th in the Punjab. On that day the following amounts of two inches or upwards were registered:—

Jullundur	...	...	...	...	... 2·20 inches.
Amritsar	...	...	...	...	... 2·00 „
Rawalpindi	...	...	...	...	... 2·10 „

The rainfall was very general in the Punjab on the 12th, after which there was a break of two days. The following amounts of two inches or upwards were recorded on the 12th:—

Delhi	...	...	...	...	... 2·10 inches.
Dharmsala	...	...	...	...	... 2·40 „

In the North-Western Provinces the rainfall, due to the same meteorological conditions, began on the 12th and lasted over the following day. The rain was quite general, giving an average of about 2 inches to the whole province. It also extended to Behar on the 12th, when an average of 0·87 inch fell over the province. On the 13th and 14th general rain occurred in Behar, Chutia Nagpur, Bengal, Orissa, and Assam—heaviest on the 13th. On the 12th and 13th the following amounts exceeding two inches were registered at eleven out of the 180 rainfall registering stations in this area:

District.	Station.	Rainfall.	Remarks.
Shahabad	Buxar	2·68	On the 12th.
Chumparun	Motihari	2·30	Ditto.
	Segowlie	2·22	Ditto.
Beerbhoom	Sooree	2·31	
24-Pergunnahs	Barripore	2·65	
Moorshedabad ...	Jungipore	2·62	
	Lalgola	2·85	
Rajshahye	Nattore	2·00	
Sonthal Pergunnahs	Nyadoomka	2·80	
Manbhoom	Gobindpur	2·60	
Khasi and Jaintia hills	Jowai	2·80	

The largest amount registered on the 14th in the Bengal Presidency was 1·6 inches.

In the Central Provinces showers occurred on the 11th, 12th, and 13th in the Jubbulpore, Saugor, Damoh, and Sambalpur districts. The heaviest fall recorded was 1·37 inches at Bargarh in the Sambalpur district on the 13th.

No rain fell in the Bombay Presidency and British Burma, and no general rain occurred in Madras or Southern India during this period.

The following gives the average rainfall during this period of the various large divisions of Northern India:

	Period of rainfall.	Average rainfall.
Punjab	11th and 12th ...	1·21
North-Western Provinces	12th and 13th ...	2·00
Behar	12th and 13th ...	1·37
Bengal	13th and 14th ...	1·27
Orissa	13th and 14th ...	1·03
Assam	13th and 14th ...	1·02
Central Provinces	11th to 13th ...	0·14

The next burst of rainfall in Upper India began on the 15th, and lasted until the 17th and 18th. The disturbance was a much less powerful one than the previous. The only heavy rainfalls in the Punjab recorded were—

Dharmsala,	16th	...	...	2·00 inches.
„	17th	...	...	2·10 „

In the North-Western Provinces there were occasional and partial showers on the 16th and 17th, which gave an average fall of about two-tenths of an inch. This precipitation did not extend to Behar or Bengal. In the Central Provinces there were also light occasional showers in all districts from the 15th to the 25th, which gave an average of about 1·94 inches to the province.

The last period of general rainfall of the month began on the 28th in the Punjab. The only heavy fall on that day was 3·70 inches at Jhelum. The rain was less general on the 29th, none occurring on that day in the western districts of the Punjab. It extended to the North-Western Provinces on the 29th, when slight showers occurred over the province. On the 31st general rain fell over the whole of Behar, Bengal, Orissa, Assam, and Chutia Nagpur, probably due to the same disturbance. The amount of the rainfall was not large, averaging 0·25 inch for the whole province, and was greatest at Jellasore, where 1·37 inches were recorded. In the Central Provinces very moderate rain fell on the 30th and 31st in the Raipur, Sambalpur, and Belaspur districts.

February.—The rainfall of February generally occurs under identical or similar conditions to those that have been described for the previous month of January. The average rainfall for the month differs by very small amounts from the average of January for the Punjab and western districts of the North-Western Provinces. It is less in amount (from 25 to 50 per cent.) in the eastern districts of the North-Western Provinces, Behar, and the Central Provinces. It is, on the other hand, slightly larger in amount in Bengal, Assam, and Orissa, due probably to the setting in of the sea winds over the coast region of Bengal (see page 5) during the month.

The average rainfall of February in Bombay and Burma is very small in amount, and is evidently due to mere local showers and not to any general disturbances, or to conditions producing condensation and rain precipitation over large areas.

The same meteorological conditions which characterized the month of January 1877 appear to have continued during the month of February 1877. The rainfall was very considerably in excess for the month over the Punjab (more especially in the eastern districts), in the North-Western Provinces, Oudh, Behar, Bengal, Chutia Nagpur, Orissa, and the Central Provinces. The rainfall was more irregular than usual in Assam, and was slightly in defect. In the Bombay Presidency it was in excess—half an inch more rain falling than usual. The north-east monsoon was, as in January, very weak, and the rainfall of the whole of the Madras Presidency (excepting the same area, as in January, including Aska, Ganjam, Coconada, Rajahmundry, Guntoor, Vizianagram, Vizagapatam, and Bimlipatam) and Ceylon was markedly in defect.

The following table gives the comparison at the chief stations in the eastern districts of the Punjab where the rainfall was most excessive:

	Average rainfall, February.	Rainfall, February 1877.	Excess in February 1877.
Umballa	1·38	3·20	1·82
Jullundur	1·43	4·50	3·07
Amritsar	1·18	6·00	4·82
Lahore	1·03	3·80	2·77
Gujranwala	1·31	4·60	3·29
Rawalpindi	1·81	5·40	3·59
Gujrat	1·74	5·40	3·66
Jhelum	1·49	5·30	3·81
Montgomery	0·71	7·80	7·09

The increased local rainfall in the Northern Circars is shown by the following comparison:

	Average rainfall, February.	Rainfall, February 1877.	Excess.
Aska	0·49	4·07	3·58
Ganjam	0·64	1·80	1·16
Coconada	0·30	2·75	2·45
Rajahmundry	0·15	1·97	1·82
Bimlipatam	0·69	1·65	0·96
Vizagapatam	0·37	1·60	1·23
Vizianagram	0·65	5·50	4·85

The deficiency of the rainfall due to the north-east monsoon is illustrated in the following returns for several Ceylon stations:

	Average rainfall, February.	Rainfall, February 1877.	Defect in February 1877.
Trincomalee	2·17	*Nil*	2·17
Hambantota	2·88	0·06	2·82
Galle	3·25	0·29	2·96
Kandy	3·23	0·19	3·04
Mannar	1·01	*Nil*	1·01
Colombo	1·51	0·20	1·31

It has already been stated (page 47) that the first ten days of February usually form a stormy period in Northern India. The year 1877 is a remarkable illustration of

this. In the Punjab, rain, more or less general in its distribution, fell from the 2nd to the 8th. It was general over the whole province on the 3rd (on which day 2·1 inches were registered at Amritsar), and again on the 6th and 7th. The only rainfalls exceeding two inches on these days were—

Sialkot	...	...	...	2·30	inches on the	6th.
Amritsar	...	...	...	2·20	„ „	7th.

The weather in the North-Western Provinces corresponded with that in the Punjab, allowing an interval of twenty-four hours for the transmission of the disturbance in an easterly direction, as in January. Rain fell on the 3rd and 4th, giving an average of about three-tenths of an inch to the whole province. It was heaviest at Roorkee, where one inch was registered. Again, general rain occurred over the whole province on the 7th and 8th, giving an average of one inch to the Meerut, Rohilkhand, Allahabad, Benares, and Jhansi divisions, and half an inch to the remaining districts.

There was general rain on the 1st in Assam and the Dacca division of Bengal, probably the continuation of that of the 31st of January in Western Bengal and Behar. There was also general rain on the 4th over Behar, Bengal, Orissa, Chutia Nagpur, and Assam. The largest amount registered on that day was 1·95 inches at Hooghly. There was a partial break on the 5th and 6th, which was followed by general rain on the 7th and 8th. On the 7th the most considerable rainfall was at Hazaribagh, where 1·40 inches were registered. On the 8th the rain was heaviest in the Dacca division and in Assam, the largest amount recorded being 2·09 inches at Jafferband in Cachar.

In the Central Provinces occasional heavy showers occurred from the 5th to the 8th, giving an average of 0·24 inch to the whole province. The rain in this area was most general on the 7th.

The second and last disturbance of the month occurred on the 21st and 22nd in the Punjab. There was general rain on the 21st. Three inches fell at Montgomery. The rainfall was on that day heaviest in the northern districts. On the 22nd the rain was confined to the southern and eastern districts of the province.

Rain also occurred in the North-Western Provinces on the same days. It was, however, less generally distributed than the previous rainfall, and was confined to the Etawah, Cawnpore, Jounpur, Azamgarh, Gorakhpur, Ghazipur, Unao, and Fyzabad districts, to which it gave an average of ·4 inch. It extended to Behar on the 22nd. The largest fall on that day was 1·06 inches at Arrah in the Shahabad district.

With the exception of slight showers in Assam, no rain occurred during the remainder of the month in Northern India.

It is evident that those disturbances which gave the cold weather rains to Northern India in 1877 originated in the Punjab, and rapidly extended eastwards, usually to Behar, and, when they were powerful, to Eastern Bengal and Assam.

March.—The distribution of rainfall in India during the month of March is generally similar to that of February. The cold weather rains continue in the Punjab and the western districts of the North-Western Provinces, giving an average slightly in excess of the averages for the two preceding months. Occasional rainfall occurs in

the eastern districts of the North-Western Provinces, Oudh, Behar, and Chutia Nagpur, but is less in amount than during the two preceding months. The sea breezes of the Bengal coast, on the other hand, give increased rain to the whole of Bengal, and more especially to Southern and Eastern Bengal. In Assam early in the month rain sets in, and continues with considerable steadiness until the commencement of the rains proper in June. The influence of the sea winds in Bengal in augmenting the rainfall is evident from the following comparison of the rainfall at typical stations in Eastern and Western Bengal and Behar :—

1st, Eastern and Central Bengal.

	Average rainfall.		
	January.	February.	March.
Noakhally	0·48	0·89	2·00
Tipperah	0·81	0·94	2·70
Burrisal	0·83	1·33	2·00
Furreedpore	0·52	1·03	2·63
Dacca	0·32	0·88	2·36
Calcutta	0·48	0·90	1·33
Jessore	0·59	0·72	1·77

2nd, Western Bengal and Behar.

	Average rainfall.		
	January.	February.	March.
Burdwan	0·60	1·07	1·55
Patna	0·69	0·53	0·25
Durbhanga	0·56	0·35	0·31
Purneah	0·48	0·48	0·20
Hazaribagh	0·57	0·82	0·63

The rainfall in the Central Provinces, Bombay Presidency, and British Burma is very slight. In Madras it is somewhat greater than in February, but only averages about half an inch over the Presidency. In Ceylon the rainfall is at this period increasing in the western half of the island, and diminishing in the eastern half. The heaviest rain occurs during this month at Colombo and Ratnapura on the west coast.

The rainfall of the month of March 1877 was generally in defect by small amounts in the Punjab. It was excessive at Simla, where 7·52 inches above the normal amount was registered. It was also in excess at Hissar, Ludhiana, and Montgomery. The

defect was generally inconsiderable, and was greatest at Guzerat (2·13 inches) and Rawalpindi (1·22 inches).

In the North-Western Provinces the rainfall was in excess at the majority of stations by small amounts. In Behar, Western Bengal, the Central Provinces, and Orissa it was generally slightly below the average. In Eastern Bengal (more especially in the Dacca and Chittagong divisions) and in Assam it was from two to four inches above the average. The rainfall in the Bombay Presidency was, almost without exception, below the average, and was insignificant in amount. Little or no rain fell in British Burma. In the Deccan and Northern Madras stations it was also below the average. The Northern Circars had, as in the two previous months, abnormally heavy rainfall. At the great majority of stations in Southern India (including the Coimbatore and adjacent districts) the rainfall was considerably above the average. The increased amount of rain was equally a feature of all the Ceylon stations, except Colombo. The excess was greatest at Galle, where it amounted to four inches. The increased rainfall in Madras and Southern India is shown by the following averages:

	Average rainfall, March.	Rainfall, March 1877.	Excess in March 1877.
Palghat	0·32	2·19	1·87
Nellore	0·37	2·67	2·30
Salem	0·69	2·70	2·01
Tinnevelly	1·30	2·43	1·13
Galle	4·48	8·48	4·00
Kandy	2·38	3·92	1·54
Puttalam	3·21	6·30	3·09

In Northern India rain occurred much more irregularly, and was less generally distributed than during the previous months. In the Punjab rain fell from the 10th to the 15th. After a slight break, there was general rain over the Punjab on the 19th. No rainfall exceeding two inches occurred during either of these two periods. Occasional local showers occurred during the last five days of the month. A heavy local fall of eight inches occurred from the 27th to the 29th at Simla. Frequent showers fell in the North-Western Provinces during the month, which gave an average of ·75 inch to the province. The amount was greatest in the north-western districts. Frequent showers of snow and hail occurred at the hill stations.

In consequence of the gradual setting in of the sea-breezes in Bengal during the month, the rainfall of that province now begins to diverge from that of Upper India. Rain began in Assam on the 6th, and continued throughout the month with considerable steadiness. The rainfall over the province for the month averaged five inches. In Bengal frequent local showers occurred during the month. On the 16th there was fairly general rainfall in Bengal (excluding the Dacca division), Behar and Chutia Nagpur; and on the 17th over the same area, and also in Orissa and Eastern Bengal. The average amount which fell was not large.

Light showers occurred at the majority of districts in the Central Provinces from the 12th to the 15th. Heavy rain fell in the Chanda district on the 15th. Hence there was no general rainfall due to a common disturbance over Northern India in March, as there had been during the two previous months.

April.—The rainfall of the month of April in the Punjab and the North-Western Provinces is usually irregular both in its occurrence and distribution. It is chiefly due to local storms,—thunderstorms and duststorms. In Bengal, with the increasing intensity and the establishment of the local sea winds over a larger area, the rainfall of this month is usually considerably greater than that of March. The average rainfall of Assam for April is also greater than for March. The rain in that area at this time usually occurs as moderate and frequent showers. Over the whole of Bombay and the Central Provinces the average rainfall for this month is very small, and barely amounts to 0·25 inch. It is mainly due to local storms. In the Deccan and western districts of Madras the rainfall of the month is also small, averaging half an inch. Along the Malabar and Kanara coast, and in the most southern districts, moderate rain occurs during the month, giving an average of about 2·5 inches. The following table gives the average rainfall for March and April at several stations in this area:

	Average rainfall, March.	Average rainfall, April.
Cochin	1·39	5·15
Cannanore	0·17	2·86
Calicut	1·09	2·86
Mangalore	0·16	2·35
Tellichery	0·46	3·20
Madura	0·57	2·37
Palghat	0·32	2·34
Salem	0·69	2·22
Coimbatore	0·52	1·96

The coast stations north of Mangalore (*viz.*, Goa, Karwar, Vingorla, Honawar, Bombay, and Surat) show no such increase as the stations in Southern India and on the Malabar and Kanara coast. It is therefore probable that this marked increase in the amount of rainfall does not represent the effect of the sea-breezes, but is due to the occasional early setting in of the south-west monsoon and its accompanying rains. That the sea-breezes along the west coast of India (unlike the local sea-winds in Bengal) are not accompanied by rainfall is due probably to the fact that they are much more local in character (from the immediate neighbourhood of the Western Ghâts or Sahyadri range), and that they are consequently intermittent and alternative in character, giving true land as well as sea-winds in the course of the 24 hours.

The following gives the distribution of the rainfall in April 1877:

In the Punjab more than average rain fell. The excess for the province was 1·74 inches. It was greatest at the hill stations of the Himalayas and the stations in the extreme north of the province. At Murree it was 3·76 inches above the average, at Simla 9·11 inches, at Sialkot 5·57 inches, and at Dharmsala 4·37 inches; at Peshawar 4·32 inches, and at Abbottabad 5·71 inches.

The rainfall of the month was slightly below the average for the month in the North-Western Provinces, excepting in Kumaon and at the Sub-Himalayan stations. It was, on the other hand, above the average in Oudh and Bandelkhand.

In Bengal, Behar, and Orissa the variations were irregular. It was slightly in defect at the great majority of stations, and on the average over the whole province. Unusually local heavy rainfall occurred at a few stations. For example, a remarkable storm of great violence occurred at False Point and its neighbourhood on the 8th of April; 15·75 inches of rain fell at False Point during this storm. The rainfall for the month at that station was consequently 20·07 inches above the average. The same irregularity which formed the chief feature of the rainfall in Bengal and the North-Western Provinces also characterized the rainfall of Assam for the month. It was below the average at the majority of stations. The deficiency was only considerable at Sylhet, where the rainfall of the month was 11·09 inches below the normal amount.

The rainfall of the Central Provinces was considerably above the average, more especially in the eastern districts (*i. e.*, the Nagpur, Jubbulpore, and Chhattisgarh divisions). The excess for the province averaged 1·71 inches.

In the Bombay Presidency (with the exception of Sind) it was very small in amount and below the average.

The rainfall in the Madras Presidency, the Deccan, Burma, and Ceylon was, almost without exception, less than the normal amount. The month was almost free from rain over the greater part of the Deccan and the Madras Presidency. A small area, including Cochin, Tellicherry, and Manantoddy, had heavier rainfall than usual. The excess for the month at Cochin was 6·09 inches. Two stations in the Circars (Aska and Ganjam) in the area over which excessive rain had fallen during the two previous months had slightly increased rainfall in April. The Port Blair and Nancowry returns for the month indicate that the rainfall over the Bay of Bengal was unusually small. Hence the month was unusually dry over the whole of India, excepting the Central Provinces, the Punjab, and one or two districts of the North-Western Provinces.

In the Punjab (except Delhi and its neighbourhood) general rain fell from the 10th to the 14th. This was especially heavy at Simla, where 8·3 inches fell in four days, from the 10th to the 13th. There was also a heavy fall of 4·5 inches at Sialkot on the 14th. There were frequent showers after this date up to the end of the month. The only day, however, on which rain fell at the great majority of stations was the 18th, when two inches fell at Peshawar, Abbottabad, and Sialkot.

There were frequent showers in the North-Western Provinces during the month. The fall of rain in 24 hours was never considerable, except on the 6th and 7th, when there was an average fall of half an inch over the eastern districts of Oudh.

Occasional local showers occurred in Behar during the month. The only general rainfall was on the 7th. In Bengal and Orissa almost daily showers, more or less local in character, occurred from the 7th to the 13th, after which there was hardly any rain during the remainder of the month. The 7th, as in Behar and the eastern districts of the North-Western Provinces, was a day of general rain over the whole of Bengal, Assam, and Orissa.

The rainfall in the Central Provinces during the month seems to have been associated with that of Upper India, and not with that of the Lower Provinces. There were frequent showers from the 1st to the 7th—heaviest in the Bilaspur district; and again on the 13th and 14th. The Narbada division received very little rain from this disturbance. Local showers commenced again on the 24th, and occurred occasionally until the end of the month.

It is thus evident that the April rainfall of 1877 in Northern India was irregular in character and due to numerous local atmospheric disturbances, and in this respect differed essentially from the rainfall in the same area during the cold weather months of January and February.

May.—May is eminently a month of transition. Local sea winds or land and sea breezes continue over the whole coast area during the greater part of the month. In the south of India and in Burma they are about the end of the month gradually converted into the deep and continuous sea winds of the south-west monsoon. During this transition period there is always present a combination of circumstances more or less favorable to the formation and development of cyclones. One, it will be seen, was generated during the earlier part of this month in 1877, which formed the prominent feature of the meteorology of the month.

The average rainfall in the Punjab during the month is about half an inch. In the North-Western Provinces the average is somewhat greater than for April. The rainfall at this period is mainly due to duststorms and thunderstorms, and hence is generally more or less irregular and local in character. It averages about three-quarters of an inch over the whole of the North-Western Provinces. The rainfall in Behar increases considerably during this month, owing to the action of the sea winds. It has been noted that the eddy due to the converging sea and land winds (see page 59) advances westwards to Behar during the month. The average rainfall for the month in Behar is nearly two inches. The increasing intensity and wider range of the local sea winds also give a rainfall in Bengal and Orissa considerably greater than during the previous months of the year. Thus, comparing the rainfall for March, April, and May for the more typical stations, the steady increase in the rainfall is evident:

	Average rainfall.		
	March.	April.	May.
Calcutta	1·33	2·11	5·39
Jessore	1·77	4·09	7·22
Dacca	2·36	6·36	9·44
Chittagong	1·36	4·58	9·02
Balasore	1·63	2·70	4·36
Burdwan	1·55	2·64	1·54
Bankoora	1·60	1·66	3·31
Akyab	0·45	1·18	13·32

Heavy rainfall occurs in Assam during this month.

The south-west monsoon in normal years advances over the south of the Bay and Southern India and British Burma during the last week of the month. The rainfall for the Ceylon west coast stations (Galle, Colombo, &c.) and the Malabar stations of Cochin, Mangalore, Calicut, and Cannanore all show a very marked increase over the previous month, which is mainly due to the rainfall of the last fortnight of the month. Thus in normal years the south-west monsoon has advanced as far as Akyab along the west coast of the Bay of Bengal and to Mangalore in the Malabar coast by the end of May. The rainfall over the greater part of the Bombay Presidency and in the Central Provinces is very small, not exceeding an average of half an inch. Over the greater part of the Madras Presidency an average of about two inches falls, probably due chiefly to storms advancing from the Bay, and to local thunderstorms, &c.

The rainfall of the month of May 1877 was very irregularly distributed. In the Punjab it was in excess at the majority of stations, and was greatest in the northern and western districts of the province. It was in defect over the whole of the North-Western Provinces, the rainfall for the month being almost *nil*. It was, on the other hand, very largely in excess in Orissa and Behar and in Western and Northern Bengal, but was below the average in the Dacca and Chittagong divisions. It was also considerably in excess in Assam. It was above the average in the Central Provinces, more especially at Bilaspur, Sambalpur, and Raipur. In Bombay the rainfall of the month was very small. It was, however, slightly in excess at all stations, almost without exception. It was very considerably above the average at the stations in the narrow area along the Coromandel coast (*i.e.*, in the Circars and Ganjam), but was below it in the southern districts of Madras and in the Deccan. The excessive rainfall over that narrow elongated area was caused by the cyclone referred to above, and is shown by the following comparison :

	Average rainfall, May.	Rainfall, May 1877.	Excess in May 1877.
Madras	2·35	21·27	18·92
Vizianagram	2·03	12·80	10·77
Vizagapatam	2·84	13·20	10·36
Bimlipatam	1·44	7·35	5·91
Nellore	1·35	8·70	7·35
Coconada	2·01	9·40	7·39
Ganjam	1·51	8·40	6·89
Cuttack	2·30	5·69	3·39
Patna	1·55	5·45	3·90
Gya	1·41	11·12	9·71
Rungpore	10·14	18·82	8·68
Dinagepore	7·78	13·94	6·16

In the Punjab there was general rain on the 4th, 5th, 6th, and again on the 11th. The rainfall for the month was almost entirely due to the showers which occurred during

this rainy period. Thunderstorms with heavy showers of rain occurred in the North-Western Provinces at intervals during the month. The rainfall was generally distributed on the 5th, 6th, and 7th, and gave an average of about half an inch to the province. There were frequent showers in Bengal and Behar, and general rain fell in Behar and Northern Bengal on the 6th, and on the 9th over the whole of Bengal. There were daily showers over the whole of Assam. In the Central Provinces there were light showers, evidently local in character, from the 1st to the 3rd.

The most remarkable rainfall was that which accompanied the Madras cyclone of May 1877. This cyclone was generated after rainfall in the south of the Bay from the 12th to the 16th. Torrential rain continued to fall over the Bay in the neighbourhood of the Coromandel coast until the evening of the 18th, when the cyclone reached the coast near the mouth of the Pennair. It recurved shortly after reaching the coast, and advanced to the north-east between Masulipatam and Vizagapatam and the Ghâts, and then northwards towards the centre of Behar, and again north-east towards Goalpara, near which it was broken up on the 21st and 22nd of the month.

The following table gives daily rainfalls exceeding five inches recorded during the cyclone, and helps to define the march of the area of excessive rainfall and of the cyclonic disturbance:

Date.	District.	Station.	Rainfall.
17th ...	.....	Madras	6·17 inches.
18th ...	.....	Madras	13·01 „
20th ...	Upper Godavari ...	Sironcha	7·50 inches.
20th ...	Bilaspur	Bilaspur	5·50 „
21st ...	Gya ...	Gya	5·06 „
		Nowada	8·00 „
		Aurungabad	8·68 „
21st ...	Rungpore ...	Rungpore	11·16 „
		Kurigram	5·70 „
		Bogdogra	12·19 „
21st ...	Jalpaiguri ...	Jalpaiguri	5·53 „
		Boda	8·52 „
21st ...	Cooch Behar... ...	Cooch Behar	9·77 „
21st ...	Patna	Barrh	6·43 „
21st ...	Goalpara	Dhubri	5·60 „
21st ...	Khasi and Jaintia Hills...	Jowai	14·20 „

The south-west monsoon was slowly established after the dissipation of this cyclone. In Moulmein the rains began on the 21st, and continued without interruption. At

Bassein a heavy fall of 4·46 inches occurred on the 25th. Moderate rain began on the 24th at Rangoon. The rains set in over Western Ceylon about the 17th or 18th of May, and gave unusually heavy rain to that colony during the month. Thus at Galle the excess for the month was 7·2 inches, and at Kandy 5·52 inches. The rains advanced very slowly along the Malabar coast, and did not commence at Cochin until the 24th.

June.—The south-west monsoon usually breaks in Ceylon and along the Malabar coast during the third and fourth weeks of May. It advances generally with considerable steadiness along the coast, and usually breaks at Bombay on the 4th or 5th of June, or at the end of the first week of that month. Its progress inland across the Deccan and up the valleys of the Narbada and Tapti, and across the Central Provinces through Western Orissa, is characterized by greater irregularity than along the west coast. In the Central Provinces it is due in the second or third week of June.

That portion of the same great lower atmospheric current which advances up the Bay of Bengal usually gives rain to Burma during the last week of May, and to the Arakan coast during the first week of June. Its advance up the Gangetic valley depends upon a variety of conditions, which have not yet been fully investigated. It is, however, marked by very great irregularity. Sometimes general rain occurs over Bengal, Behar, and the eastern districts of the North-Western Provinces for a fortnight or three weeks, the monsoon current, as judged by the rainfall, making no advance whatever during that period over the western districts of the North-Western Provinces. Then perhaps it makes another rapid advance, and extends over the whole of the North-Western Provinces and the Punjab in a couple of days. Hence it is almost impossible to assign a specific date for the establishment of the monsoon in Upper India. Its advent is usually expected during the last week of June or first week of July in the North-Western Provinces and the Punjab. There is, however, nothing in the meteorology of late years to suggest anything like a steady march of the current up the Gangetic valley.

The month of June usually witnesses the complete establishment of the south-west monsoon current over the whole of India. The conditions and more important phenomena of the advent of this current, upon which the prosperity of India depends, will be given at the end of this analysis of the distribution of the rain throughout the year. It is a sea wind or current of remarkable persistence and intensity. The general strength of this current depends upon the relations between the sea area of the Indian Ocean and the land area of Southern Asia. Its local strength in each district of India or Southern Asia depends, in the first place, upon the general strength of the current, and secondly, on the meteorological conditions of India or Southern Asia prior to and at the time of the setting in of the current. And, as will be shown by the distribution of rainfall in 1877, and as has been further indicated and confirmed by the meteorology of the south-west monsoon of 1878, there is a striking uniformity in the character of the south-west monsoon during the whole period of its prevalence. Prevision, such as the requirements of Indian practical meteorology necessitates, will be possible, if these uniformities and the inferences derived from their consideration represent general meteorological principles and laws.

The monsoon of 1877, as judged by the rate of advance of the rainfall, was unusually weak. It hung back as it were along the Malabar and Kanara coast during the first fortnight of June, and then made a sudden advance to the Bombay coast on the 18th. It was thoroughly established in the Central Provinces about a week afterwards, on the 24th.

The Bay of Bengal branch of the monsoon current was established in Burma at the usual date during the last week of May. It advanced northwards at the usual rate of progression, but was evidently feeble; for it gave very moderate rain to Bengal and Behar during the first ten days of June, and a break of nearly a fortnight intervened before any further general rain occurred.

The general character of the distribution of rainfall in June 1877 has been indicated in the previous remarks.

In Ceylon the rainfall was above the average at the stations on and near the west coast of the island. The excess at Colombo for the month was 6·37 inches, and at Ratnapura 8·67 inches. It was also in excess over the whole of Travancore and in the Malabar, Tinnevelly, Salem, and Madura districts of Madras. It was deficient by small amounts in the Deccan and the remaining districts of the Madras Presidency. It was very considerably below the average along the coast of Kanara and Goa. Along the west coast from Ratnagiri to Bombay there was excessive rainfall; but to the north of Bombay the deficiency in the rainfall was as marked as along the Kanara coast. In the Central Provinces the rainfall was about four inches below the average in the Narbada division. It was, on the other hand, in excess in the Chhattisgarh and Jubbulpore divisions and in the Nagpur district. The excess at Jubbulpore amounts to 9·31 inches, at Sambalpur to 5·75 inches, and at Bilaspur to 4·61 inches.

Hence the chief feature of the west coast of India monsoon rain current was its great irregularity—excessive local rainfall accompanying marked deficiency over large areas.

The Bay of Bengal branch of the current gave excessive rain to the Andamans and Nicobars and to British Burma (with the exception of Arakan). This is shown by the following:

	Average rainfall, June.	Rainfall, June 1877.	Excess in June 1877.
Nancowry	15·90	20·49	4·59
Port Blair	18·36	25·45	7·09
Tavoy	39·03	54·32	15·29
Moulmein	38·75	43·54	4·79
Bassein	16·22	41·43	25·21
Rangoon	19·82	27·10	7·28
Toungoo	11·93	18·32	6·39

The rainfall for the month was below the average in Arakan, Assam, Bengal, Orissa, Behar, the North-Western Provinces, and the Punjab. The following table gives

the arithmetical means of the rainfall for the reporting stations in the various provinces in Northern India for which comparative average monthly rainfall returns have been prepared, and indicates, perhaps roughly, but clearly, the deficiency over the whole of this area for the month :

	Number of stations.	Average rainfall, June.	Rainfall, June 1877.
Assam	11	18·29	12·93
Bengal	30	15·37	12·58
Behar	11	7·52	2·23
Orissa	4	9·78	7·03
Chutia Nagpur	4	8·56	9·47
North-Western Provinces and Oudh	51	4·72	2·27
Punjab	33	2·41	2·22

Hence the features of this branch of the current were similar to those of the Arabian Sea branch, and were perhaps more strongly marked. The heavy rainfall at the Andamans, Nicobars, and in British Burma corresponds to the heavy rainfall in Western Ceylon and the extreme south of India, and the deficiency over the greater part of Madras, the Deccan, Guzerat, Central India, and a considerable portion of the Central Provinces to the deficiency over the whole of the Gangetic and Assam valleys.

It has already been stated that the rainfall over the west coast of Ceylon, and the Travancore, Malabar, and Kanara coasts was unusually heavy. The following return giving the daily rainfall at Cochin during the first fortnight of the month illustrates the character of the rain precipitation over that area at this period :—

Cochin.

1st	2·44	9th	3·78
2nd	1·32	10th	5·11
3rd	0·21	11th	5·03
4th	4·05	12th	2·91
5th	*Nil*	13th	3·70
6th	2·05	14th	2·21
7th	*Nil*	15th	0·50
8th	2·89		
		Total ...	36·20

The rainfall of the remaining half of the month at Cochin was only 10·86 inches, little more than one-quarter of the fall during the first half of the month.

During the second half of the month the monsoon broke over the coast from Ratnagiri northward to Bombay. The following table gives the rainfall at those two stations, and illustrates better than words the meaning of the expression "the commencement of the monsoon" along the west coast of India. The comparison of the rainfall at these stations with Surat and Rajkot (situated in the centre of Guzerat at a height of 429 feet) is also given, to show the marked line of demarcation that even

in the monsoon often separates a region of heavy continuous rain along this coast from an area of comparatively fine and dry weather:

	Ratnagiri.	Bombay.	Surat.	Rajkot.
18th	1·31	1·88	*Nil*	*Nil*
19th	1·88	14·60	0·45	*Nil*
20th	2·39	5·85	0·30	*Nil*
21st	6·04	1·10	0·40	*Nil*
22nd	10·58	0·79	1·10	*Nil*
23rd	7·28	5·28	*Nil*	0·80
24th	1·54	0·78	*Nil*	*Nil*
25th	8·11	2·49	*Nil*	*Nil*
Total rainfall of eight days ...	39·13	32·77	2·25	0·80
Rainfall of month	45·00	34·61	3·74	1·03?
Average rainfall of month ...	31·92	20·97	9·87	5·72

The above returns are sufficient to show that the south-west monsoon continued to give heavy rain to the coast of Travancore and Cochin during the first fortnight of the month. As the rainfall for the month is considerably below the average for Cannanore (6·51 inches), Calicut (1·21 inches), Goa (11·02 inches), Karwar (10·59 inches), Vingorla (10·85 inches), and Honawar (13·89 inches), the next burst of the monsoon was probably confined to the coast from Ratnagiri to Bombay, where, as we have seen, rainfall in excessive amounts occurred from the 18th to 25th. The fact is interesting, as showing the local character of the heavy bursts of rain which occasionally inaugurate the monsoon proper, and also as demonstrating that there is nothing like a regular march of the monsoon along the west coast, any more than there is across the centre of India or up the Gangetic valley.

That this very heavy rainfall of Bombay and Ratnagiri represents the inroad of a large body of aqueous vapour is shown by the rainfall returns of the Central Provinces. In this area light showers fell from the 6th to the 10th. This was followed by a break of clear fine weather until the 17th, when showers recommenced. This continued until the 24th, when heavy rains set in, and continued until the end of the month. Amongst the more remarkable daily rainfalls were—

6·10	inches	at Sakoli in the Bhandara district	on the	28th.
7·46	„	Balaghat	„	„
7·82	„	Seorinarain in the Bilaspur district	„	„
12·49	„	Jubbulpore	„	29th.
6·30	„	Damoh	„	„
6·42	„	Badnur	„	„

The returns of the meteorological stations at Rangoon, Bassein, Maulmain, and Akyab show that the month was one of almost continuous rainfall in British Burma. Thus in Rangoon there were 28 rainy days. The heaviest rain occurred at these stations

from the 21st to 24th. Thus at Maulmain on the 21st 6·93 inches fell, and on the 24th 6·80 inches. Again at Bassein 5·31 inches were registered on the 23rd, and 9·28 inches on the 24th. These were the only daily rainfalls exceeding 5 inches during the month. The largest amount registered in one day at Rangoon was 3·97 inches on the 23rd.

In Bengal there was a distinct rainy period, lasting from the 1st to the 12th. The rains were at this time very slowly advancing and penetrating into Behar. Thus on the 1st and 8th there was fairly general rain in Behar. There was then a well marked period of dry weather until the 22nd over the whole of this area, when general rain recommenced and extended over Bengal, Orissa, and Chutia Nagpur, but which failed to advance to Behar.

The only rainfalls exceeding five inches at any of the plains stations of Bengal are given below as indicating briefly the localities and duration of the more intense rainfalls:

Date.	Districts.	Station.	Rainfall.
8th ...	Chittagong	Cox's Bazar	5·09
9th ...	Noakhally	Fenny	9·86
22nd ...	Chittagong	Cox's Bazar	5·78
22nd ...	Noakhally	Noakhally	5·18
23rd ...	„	„	8·79
23rd ...	Backergunge	Bhola	5·05
23rd ...	Furreedpore	Madaripur	6·60
23rd ...	Dacca	Dacca	5·51
24th ...	Backergunge	Perozepur	5·10

In the North-Western Provinces, at the hill stations and at Allahabad, Jhansi, and Bareilly, the total rainfall for the month was from one-half to three-fourths of the average. Over the greater part of the province it was only about one-fourth of the average. There was a general fall of rain during the first week of the month. It amounted to an inch in the districts bordering on the hills, and to nearly half an inch in the Benares, Jhansi, Meerut, and Rohilkhand divisions. Over the greater part of the Agra, Fyzabad, and Allahabad divisions it was very scanty. There was general rain from the 27th to the end of the month, averaging about two inches, except in the Agra and Rai Bareli divisions and the western districts of the Allahabad division.

In the Punjab there were occasional showers on the 1st, 2nd, and 3rd, fairly distributed over the province. After this there was an almost entire cessation of rain until the 29th, when heavy general rain occurred in the southern and eastern districts. The following table gives the falls of two inches or over on that day:—

Delhi ...	... 3·00 inches.	Karnul ...	... 5·00 inches.
Gurgaon ...	... 2·20 „	Umballa ...	... 2·00 „
	Dharmsala ...	... 2·90 inches.	

Hence, so far as the partial information of the rainfall of the month enables us to trace the establishment and variation of the south-west monsoon moisture current, it shows that there were the following great inflows :—

1st.—A vigorous inroad of moisture from the Arabian Sea, which gave heavy and excessive rain to the west coast from Ratnagiri to Bombay during the interval from the 18th to the 25th, and which afterwards gave continued rain to the Central Provinces from the 24th to the end of the month, and was heaviest on the 28th and 29th.

2nd.—Two strong indraughts of moisture from the Bay of Bengal during the month :—

The first extended from the 1st to the 12th. It gave general rain, moderate in amount, to the whole of Bengal. It also penetrated, but very feebly, to Behar and the North-Western Provinces, and the rainfall at this time in both those provinces was comparatively insignificant.

The second invasion commenced on the 23rd. It gave heavy rain to Burma on the 21st, 23rd, and 24th. It was also especially heavy in Eastern Bengal on the 22nd, 23rd, and 24th, and continued until the 28th. During this interval no general rain fell in Behar or the North-Western Provinces, although local showers, inconsiderable in amount, occurred over the whole of this area. On the 29th, and probably due to the influx of the same current of moisture, there was a very heavy local fall of rain in the districts of the Punjab between the Jumna and Sutlej. What the special conditions were which determined this heavy local rainfall have not yet been investigated.

July.—During the months of July and August the south-west monsoon is usually at its height. The distribution of the average rainfall according to districts depends of course mainly upon the geographical position of the district and the configuration of the land. The rainfall during any special monsoon in each district and province depends, on the other hand, mainly upon the general strength of the current and the peculiar meteorological conditions, abnormal features, or irregularities of the year.

The Arabian Sea branch of the monsoon current was very weak during the month of July 1877. The rainfall of the month was below the average at every station in the Bombay Presidency, almost without exception. It was also deficient over the whole of the Madras Presidency (with the exception of a small portion of the Northern Circars, including Bimlipatam and Vizagapatam), the Deccan, the Central Provinces, and the Berars.

The following arithmetical means of the return of the stations given in the rainfall tables indicate approximately the amount of the deficiency :

	Average rainfall, July.	Average rainfall, July 1877.	Defect in 1877.
Madras Presidency	6·80	3·01	3·79
Bombay Presidency	18·39	7·28	11·11
Central Provinces	15·31	12·17	3·14
Hyderabad Assigned Districts	8·55	4·39	4·16

The Bay of Bengal branch of the monsoon current gave rainfall above the average to British Burma, Arakan, Assam, and the eastern and south-eastern districts

of Bengal, including the Presidency, Dacca, and Chittagong divisions. The average amount of the rainfall and of its excess in July 1877 in each of these provinces is given below:

	Average rainfall, July.	Average rainfall, July 1877.	Excess.
British Burma and Arakan	31·56	35·96	4·40
Assam	18·20	19·44	1·24
Presidency, Dacca, and Chittagong divisions of Bengal	15·44	19·88	4·44
Behar	11·79	12·16	0·37

It was slightly below the average in Western Bengal, Behar (excepting the Monghyr and Bhagulpore districts), Orissa, and Chutia Nagpur; and very markedly deficient in the North-Western Provinces, Oudh, and the Punjab. The amount of the deficiency is indicated by the following averages:

	Average rainfall, July.	Rainfall, July 1877.	Defect.
Orissa	12·19	12·03	0·16
Chutia Nagpur	12·20	9·81	2·39
North-Western Provinces and Oudh	12·01	4·42	7·59
Punjab	8·02	2·73	5·29

The following gives the comparative rainfall returns at the stations on the west coast of India:

	Average rainfall, July.	Rainfall, July 1877.	Defect.
Cochin	22·17	14·01	8·16 inches.
Calicut	30·23	13·59	16·64 „
Cannanore	43·54	10·52	33·02 „
Mangalore	37·88	25·16	12·72 „
Honawar	42·66	17·01	25·65 „
Ratnagiri	32·42	9·92	22·50 „
Goa	26·07	9·70	16·37 „
Karwar	37·66	10·89	26·77 „
Vingorla	35·26	6·40	28·86 „
Bombay	24·08	11·10	12·98 „
Surat	12·11	2·48	9·63 „

Hence, along the whole of the Malabar and Bombay coasts the rainfall was abnormally small, and such as to indicate unusual weakness of the current, or, as seems more probable, that it brought up smaller supplies of aqueous vapour than usual. This must almost certainly have been due to rainfall over the sea area of the Arabian Sea and Indian Ocean. It would be interesting to obtain accurate information on this point. There were feeble bursts of rain on the 15th and 16th, and also on the 30th and 31st. In the Central Provinces, which derive their supplies of moisture at this time from the Arabian Sea, there were light occasional showers until the 12th July, when general rain (which was especially heavy over portions of the Narbada division) set in, and continued

until the morning of the 16th. The following daily rainfalls exceeding five inches were registered during this period in the Central Provinces:

	District.	Station.	Rainfall.
July 14th	Betul	Shahpur	7·20
		Chicholi	6·32
	Narsingpur	Narsingpur	7·06
	Nimar	Mortakka	6·00
	Bilaspur	Seorinarain	5·14
July 15th	Betul	Badnur	5·47
	Hoshangabad	Hoshangabad	9·32
		Harda	6·91
		Seoni	5·76
		Sohagpur	7·00
	Narsingpur	Godarwara	5·25
	Nimar	Khandwa	4·95

In Burma it rained almost continuously through the month. Judging from the Bassein, Moulmein, and Rangoon returns, the heaviest burst of rain occurred from the 8th to the 11th.

There was heavy general rain in Behar from the 1st to the 3rd, which was followed by general rain in Bengal from the 4th to the 7th. There was then a partial break until the 11th, from which date until the 14th there was a burst of rain, which extended to Bengal, Orissa, Behar, and Chutia Nagpur. The 15th to the 17th formed a short break in the rains. General rain set in again on the 18th over Bengal and Behar, and continued with considerable intensity until the 24th; a partial break lasted until the 29th, on which day general rain fell again over Bengal and Behar.

The following gives the rainfalls during twenty-four hours at the plains stations in this area of five inches or upwards during the rainfall period from the 4th to the 7th:

Date.	District.	Station.	Inches.
July 4th	Backergunge	Perozepur	8·90
July 5th	Backergunge	Perozepur	6·40
,,	Furreedpore	Madaripur	9·21
		Furreedpore	14·25
,,	Pubna	Pubna	5·05
,,	Jessore	Magura	5·00
		Narail	6·13
,,	Nuddea	Ranaghat	5·23
		Bongong	9·15
		Kishnaguhr	9·60
July 6th	Furreedpore	Goalundo	5·25
,,	Pubna	Pubna	7·81
,,	Bogra	Hululya	5·65
		Bogra	5·68
,,	Rajshahye	Nattore	11·13
,,	Nuddea	Kooshtea	5·20

This shows that the first burst of heavy rainfall was almost entirely continued to Eastern and Central Bengal.

The heaviest rainfalls (exceeding five inches) during the second burst of rain were—

Date.	District.	Station.	Rainfall.
July 11th ...	Cuttack	Kendrapara	5·50
		False Point	5·40
July 12th ...	Balasore	Balasore	12·04
		Bhaddruck	6·00
	24-Pergunnahs ...	Saugor Island	8·30
July 13th ...	Balasore	Sora	5·00

This rainfall was consequently heaviest in the north-west angle of the Bay, *i.e.*, over the coast area from False Point to Saugor Island.

The third inflow of moisture lasted from the 18th to the 22nd. This, like the majority of the previous, was directed to Eastern and North-Eastern Bengal. The rainfalls exceeding five inches at the plains stations during this burst were—

Date.	District.	Station.	Rainfall.
July 19th ...	Noakhally ...	Noakhally	7·65
		Fenny	6·94
July 21st ...	Mymensing ...	Mymensing	10·80
	Dacca	Moonshigunj	7·02
		Dacca	5·96
July 22nd ...	Mymensing ...	Mymensing	6·07

The southern and western districts of the North-Western Provinces were almost rainless. The only general fall over the northern and eastern districts occurred during the first four days. There was another short period of rain about the middle of the month. It was generally distributed, but the amount was very small. In the Punjab there was a rainy period from the 1st to the 3rd, and again on the 30th and 31st; but the daily amounts registered during these periods were in no case large.

August.—The Arabian Sea branch of the south-west monsoon rain current in August 1877, as in June, was unusually strong along the west coast of Ceylon, in Travancore, Malabar, and Kanara, whilst further north, from Goa to Kurrachee, it was much weaker than usual. The heavy rainfall was, however, limited to the coast area, and did not extend to the eastern districts of Ceylon or the central, southern, or eastern districts of Madras, Mysore, or the Deccan, where the rainfall was uniformly in defect, by amounts varying from one to six or seven inches over the whole of this area. It was also, almost without exception, below the average in the Bombay Presidency and

the greater portion of the Berars and Central Provinces. The Chhattisgarh division and the Nagpur district received a rainfall considerably in excess (from 25 to 50 per cent.) The deficiency over these areas is roughly indicated by the following return:

	Average rainfall, August.	Average rainfall, August 1877.	Defect in 1877.
Madras Presidency	5·80	5·68	0·12
Bombay Presidency	12·69	7·58	5·11

The Bay of Bengal moisture current continued to give excessive rainfall to British Burma, Arakan, and to the Dacca, Chittagong, and Presidency divisions of Bengal. The excess was only considerable in Eastern Bengal and British Burma. The following gives the more remarkable variations:

	Average rainfall, August.	Rainfall, August 1877.	Excess in 1877.
Tavoy	42·66	56·04	13·38
Bassein	21·81	34·37	12·56
Sandoway	49·63	74·15	24·52
Kyoukphyoo	39·02	72·70	33·68
Chittagong	22·45	41·35	18·90
Pubna	13·28	33·18	19·90
Beauleah	11·15	26·71	15·56
Furreedpore	14·02	26·49	12·47
Dacca	12·32	17·82	5·50

The rainfall of the month was considerably below the average in Behar, Chutia Nagpur, and the western districts of the North-Western Provinces, and was abnormally small in the eastern districts of the North-Western Provinces, Oudh, and the Punjab.

The following gives the mean rainfall for August 1877, and a comparison with the means of previous years for these provinces:

	Average rainfall, August.	Average rainfall, August 1877.	Defect in 1877.
Behar	9·56	5·39	4·17
Eastern districts of the North-Western Provinces, including Oudh	9·44	2·04	7·40
Western districts of the North-Western Provinces	10·77	4·66	6·11
Punjab	6·62	1·13	5·49

The following tables indicate the distribution of rainfall during the month along the west coast of India:

Stations.	Average rainfall, August.	Rainfall, August 1877.	Excess in 1877.
Cochin	11·37	12·08	0·71
Calicut	13·24	24·55	11·31
Tellicherry	15·71	29·03	13·32
Cannanore	17·45	30·40	12·95
Mangalore	22·24	34·33	12·09
Karwar	19·90	21·90	2·00
Goa	15·24	17·53	2·29

Stations.	Average rainfall, August.	Rainfall, August 1877.	Defect in 1877.
Honawar	27·84	24·53	3·31
Vingorla	20·80	11·93	8·87
Ratnagiri	18·31	11·68	6·63
Bombay (Kolaba)	15·12	8·51	6·61
Surat	10 96	3·98	6·98
Kurrachee	1·69	*Nil*	1·69

This shows that during the month the rainfall was exceptionally heavy along the coast of Malabar and Kanara, the main body of the monsoon moisture current being apparently driven on to that part of the coast. North of Goa the rainfall was uniformly in defect, the decrease being proportionately greater according as we advance northwards. In the Central Provinces there was a period of general rain, lasting from the 1st to the 9th. It gave heavy rain to the Belaspur district of Chhattisgarh. The amount of the rainfall was small in the Jubbulpore division. The only rainfalls during the twenty-four hours which exceeded four inches were—

Tirora (Bhandara district) ... ... 6·3 inches on the 7th.
Ramtek (Nagpur district) ... ... 7·4 inches on the 8th.

There was an almost complete cessation of rain (excepting in the Sambalpur and Bilaspur districts) over the province until the 23rd, when heavy general rain set in, lasting until the 26th. The following gives the rainfalls in twenty-four hours of five inches or upwards:

Date.	District.	Station.	Rainfall.
23rd ...	Balaghat ...	Balaghat	6·06
		Lauji	5·50
	Bhandara	Tirora	6·30
	Nagpur	Katol	5·60
	Bhandara	Sakoli	6·80
24th ...	Betul ...	Shahpur	8·93
		Bhaisdehi	5·14
		Badnur	7·13
25th ...	Betul	Multai	6·00
		Chicholi	9·28

Moderate rain continued to fall over the province until the end of the month.

In Southern or British Burma there was almost continuous rain. Thus at Rangoon there were 27 rainy days, and at Bassein 28. At Moulmein rain fell on every day during the month. The only rainfalls exceeding five inches registered at these stations were—

Bassein	5·91	inches on the	12th.
Moulmein	5·05	„ „	10th.

The period, 10th to the 12th, seems to have been marked by heavy rainfall in Burma.

The following gives the periods of heavy and general rain in Bengal, Assam, Behar, and Orissa. The rainfall in both Behar and Orissa was during these periods much less general and continuous than in Bengal, owing to what has been pointed out—the unusual diversion of the Bengal monsoon current to the east into Burma. The first burst of moisture lasted from the 1st until the 3rd, and gave moderate rain to the province, no rainfall exceeding five inches occurring at any station. The second began on the 8th, and continued until the 11th. This burst of rainfall did not extend to Assam, where the weather was comparatively dry and fine. Rainfalls exceeding five inches during this period are shown in the following return:

Date.	District.	Station.	Rainfall.
8th	Jessore	Magoora	6·85
	Nuddea	Bongong	5·57
9th	Chittagong	Chittagong	10·25
	Noakhally	Fenny	5·00
	Chittagong Hill Tracts	Rangamati	5·43
10th	Manbhoom	Gobindpur	5·82
	Southal Pergunnahs	Deoghur	5·30
	Bankoora	Bankoora	5·92
	Burdwan	Ranigunge	5·60

The third rainfall disturbance lasted from the 14th to the 21st, and gave heavy and continued rain to Bengal and Assam, but failed to penetrate thoroughly into Behar. The following gives the daily rainfalls of five inches or upwards:

Date.	District.	Station.	Rainfall.
16th	Mymensing	Mymensing	5·38
17th	Chittagong Hill Tracts	Rangamati	9·52
	Hill Tipperah	Hill Tipperah	5·45
	Tipperah	Comuilla	6·20
	Chittagong	Chittagong	6·82
18th	Furreedpore	Goalundo	5·48
	Rajshahye	Beauleah	5·60
	Nuddea	Kooshtea	6·12
19th	Chittagong Hill Tracts	Rangamati	6·08
	Chittagong	Chittagong	7·13
	Mymensing	Kishoregunge	5 31
	Pubna	Serajgunge	5·60
	Jessore	Jhenida	5·20
20th	Mymensing	Atia	6·62
	Pubna	Pubna	7·97
	Rajshahye	Beauleah	5·68
	Jessore	Jhenida	8 38
	Nuddea	Koushtea	11·13
		Chooadanga	8·28
		Meherpur	6·12
	Beerbhoom	Sooree	5·76
	Burdwan	Kutwa	7·14

General rain fell on the 30th and 31st, after a break of nearly a week. No fall exceeding five inches occurred during this period in the plains of Bengal.

In the North-Western Provinces the rainfall of the month was extremely small, except in the eastern districts bordering on Behar, including Benares, Allahabad, and Gorakhpur, where about half the average amount fell. The most general rain in this area was during the first four days of the month. It was moderately heavy and continuous in the eastern districts, but very light in the western. This was succeeded by a fortnight of dry weather. A week of frequent local showers in the districts bordering on the hills then followed. The south-eastern districts also received heavy showers during the last three days of the month.

In the Punjab the month was a singularly dry one. Light showers fell at the hill stations and the Sub-Himalayan stations on the 19th and 20th. The average number of rainy days for the province was only $1\frac{1}{2}$.

Hence, as far as can be judged from the imperfect returns, the following were the periods of general inflow of vapour and of rainfall due to the Bengal branch of the monsoon current:—

1st.—An influx, lasting from the 1st to the 4th, which gave rain more or less general to Bengal, Behar, Orissa, Assam, Chutia Nagpur, and the most eastern districts of the North-Western Provinces.

2nd.—An influx, continuing from the 8th to the 11th, which extended over Bengal, Behar, Orissa, and Chutia Nagpur, but which did not extend to Assam or the North-Western Provinces.

3rd.—An influx lasting from the 14th to the 21st. This, judging from the exceptionally heavy rainfall in Eastern and Central Bengal, was a much stronger one than either of the previous. This is also shown by the fact that it not merely extended over Bengal, Behar, Assam, and Chutia Nagpur, but also gave rain to the eastern districts of the North-Western Provinces, and to the hill stations and Sub-Himalayan stations of the Punjab, as well as those of the North-Western Provinces.

4th.—An influx which commenced on the 30th of the month.

September.—The average rainfall table indicates that the south-west monsoon current becomes weaker during September, and that the rainfall steadily declines in amount. It decreases most rapidly in the Punjab and neighbouring districts of the North-Western Provinces. The rainfall over that area for the month of September is barely 40 per cent. of the August amount. In the North-Western Provinces and Behar it varies from 40 to 75 per cent. of the August average. The average rainfall for the Bengal stations present several abnormal features. Thus in Northern Bengal the rainfall of September is apparently slightly greater than that of August. Generally over the greater part of Bengal and in Orissa the rainfall is from 15 to 30 per cent. less than in August. The most remarkable feature, however, is that at the higher hill stations the rainfall decreases at a much more rapid rate than at the neighbouring plain stations. This may be due to the smaller intensity of the current at this time, but it rather appears to indicate that the current is now becoming less deep or shallower; or, in other words, that the opposite change to that process of intensification by which the local sea winds are converted into the monsoon sea winds is now taking place. The decrease in the intensity of the monsoon current is shown equally by the

average rainfall for the month in the Bombay Presidency, the Central Provinces, and the western and southern districts of Madras. A slight increase usually takes place in the rainfall of the eastern districts of the Madras Presidency.

The Arabian Sea branch of the monsoon moisture current was unusually strong along the southern half of the west coast of India during the month of September 1877. The rainfall over the western districts of Ceylon and the Malabar and Kanara coast area was consequently very considerably above the average. This increased current also gave unusually heavy rainfall during the month to the whole of the Madras Presidency and the Deccan. The greater part of the Bombay Presidency and the Central Provinces received very deficient supply of rainfall during the month. In the Central Provinces the deficiency ranged from one to twelve inches, and averaged five inches.

The Bay of Bengal branch of the monsoon current for the first month during the rains gave less than the normal rainfall to Burma. The deficiency was small in amount, not exceeding ten per cent.

The rainfall of the month in Assam was generally above the average. Orissa, Western Bengal, and Behar received scanty rainfall. The main body of the current appears to have been drawn into Northern and Eastern Bengal, where the rainfall was excessive. The deficiency in the rainfall of the North-Western Provinces (more especially in the western districts and in Oudh) was even more striking than in previous months. The average rainfall over this area is ten inches during the month; whilst the mean rainfall for September 1877 was only about two inches, or one-fifth of its normal amount. The deficiency in the Punjab was much less considerable. Local heavy rainfall largely increased the amounts at a few stations in the south-eastern districts and at Mooltan and Muzaffargarh.

The following table of the excess or deficiency of rainfall at the west coast stations gives an imperfect indication of the distribution of rainfall in Western India, and of the strength of the monsoon current during the month:

Stations.	Average rainfall, September.	Rainfall, September 1877.	Excess in September 1877.
Cochin	8·72	15·97	7·25
Calicut	8·10	21·52	13·42
Cannanore	9·41	13·50	4·09
Tellicherry	10·10	17·66	7·56
Mangalore	10·93	17·68	6·75
Karwar	10·34	11·51	1·17
Goa	7·99	12·23	4·24

	Average rainfall, September.	Rainfall, September 1877.	Defect in September 1877.
Honawar	15·27	9·75	5·52
Vingorla	10·47	8·98	1·49
Ratnagiri	12·27	11·74	0·53
Bombay (Kolaba)	10·61	8·89	1·72
Surat	5·97	3·65	2·32
Kurrachee	0·82	0·16	0·66

Hence the general character of the rainfall distribution along the west coast of India during September was almost exactly similar to what it was in August. The monsoon current as measured by the rainfall was unusually strong in Malabar, Kanara, and Goa; whilst along the whole coast to the north of Goa it was considerably weaker than usual.

The unusual strength of the current over the southern half of the west coast of India during the latter part of August and the whole of September is also indicated by the abnormally heavy rainfall which occurred during the month of September over the Deccan, Southern India, and the greater part of the Madras Presidency. This abnormal rainfall, it may be remembered, terminated the famine which had prevailed in Mysore and a large part of the Madras Presidency during the previous two years. The rainfall due to this unusual inflow of moisture during the month appears to have taken the form rather of frequent heavy local showers than of persistent general rain occurring during defined periods.

In the Central Provinces and the Berars there was fairly general rain until the 9th. This was followed by a partial break during which occasional local showers occurred until the 15th, after which there was an almost complete break in the rains, lasting until the 5th of October.

The rainfall of the month in Bengal occurred during extremely well defined periods. There was a break over the whole province until the 6th, after which general rain commenced extending over Bengal, Assam, Behar, Chutia Nagpur, and Orissa. This lasted until the 13th. The average amount which fell in each division is given below for each day during this period and the total average rain for the whole period:

Divisions.	September.							Total.
	7th.	8th.	9th.	10th.	11th.	12th.	13th.	
Bengal	0·50	0·65	0·87	1·05	1·61	1·74	0·84	7·26
Assam	0·48	0·90	1·30	1·79	2·77	1·58	0·61	9·43
Behar	0·19	0·12	1·29	1·13	1·05	0·97	0·42	5·17
Chutia Nagpur	0·43	0·84	0·59	1·19	2·38	1·05	*Nil*	6·48
Orissa	0·80	0·66	0·23	0·73	0·14	0·10	0·07	2·73

The following gives the daily rainfalls which exceeded five inches. It furnishes a rough approximation to the districts of heaviest rainfall and to its distribution in time:

Date.	Stations.	Rain, in inches.	Date.	Stations.	Rain, in inches.
8th Sept.	Boda	11·32	11th Sept.	Calcutta (Alipore)	5·48
9th „	Kissengunge	7·90	„ „	Rangamati	5·16
„ „	Cherraponjee	11·74	„ „	Jowai	40·10
„ „	Dinagepore	5·23	„ „	Cherraponjee	17·09
10th „	Rungpore	5·15	12th „	Raigunge	6·48
„ „	Cooch Behar	5·42	„ „	Rangamati	5·68
„ „	Chittagong	5·50	„ „	Purneah	5·72
„ „	Rangamati	5·79	„ „	Jowai	12·10
„ „	Jowai	8·20	„ „	Cherrapoonjee	11·72
„ „	Shillong	7·00	13th „	Rajmahal	5·00
„ „	Cherraponjee	15·64			

This was followed by a general break until the 24th, when rain recommenced, and continued to fall until the 25th. The amount in Bengal was generally moderate, the only rainfalls exceeding five inches occurring at the hill stations on the Garo and Khasi hills and in Cachar. It was most generally distributed in Orissa, Eastern Bengal, and Assam. It gave partial rainfall to Western Bengal, and did not extend to Behar.

In the North-Western Provinces the month of September was even drier than August. A few showers, more or less local in character, fell on the first three days, and again from the 7th to the 11th. The rainfall on both occasions was very partial and irregularly distributed. In the Punjab a somewhat remarkable fall occurred on the 2nd and 3rd over very nearly the same area as the only previous heavy rainfall of the monsoon period (during the last week of June). The following table gives the daily rainfalls exceeding two inches:—

Sept. 2nd,	Ludhiana	...	5·7 inches.	Sept. 3rd,	Ludhiana	...	6·3 inches.
„	Jullundur	...	2·1 „	„	Jullundur	...	10·0 „
„	Hoshiarpur	...	4·7 „	„	Hoshiarpur	...	9·5 „
„	Dharmsala	...	4·6 „	„	Dharmsala	...	3·5 „
Sept. 3rd,	Rohtak	...	2·2 „	„	Amritsar	...	2·8 „
„	Sirsa	...	2·1 „	„	Gurdaspur	...	5·0 „

It was thus confined almost entirely to the south-eastern districts of the Punjab. Over this limited area the rainfall was, however, excessive. There was also a heavy local fall of 8·2 inches at Mooltan on the 7th and 8th, and of 5·5 inches at Mozuffergarh on the 6th and 7th.

The following gives the chief invasions of moisture and of periods of general rainfall over Northern India in the month of September 1877, due to the current from the Bay of Bengal up the Gangetic valley:—

1st.—The continuation of the inflow of the 30th and 31st of August, which gave general rain to Bengal and showers more or less local to Behar. From the 1st to the 3rd it gave rain more or less partially distributed over the North-Western Provinces, and a very heavy burst of rain to the south-eastern districts of the Punjab.

2nd.—A strong influx, lasting from the 7th to the 13th, marked by heavy and almost continuous rain in Bengal, Assam, Behar, Chutia Nagpur, and Orissa.

3rd.—A feeble influx, lasting from the 24th to the 28th, which produced moderate rain in Bengal, Assam, and Orissa, but almost failed to penetrate Behar, where light local showers only fell.

October.—October is a month of transition. The south-west monsoon gradually after a series of oscillations, gives way, and retreats southwards, whilst the north-east monsoon is established to the north of it. One effect of the combination of the two feeble and parallel opposite currents is to give a cyclonic circulation of the air round the limits of the Bay of Bengal. The south-west winds during the early part of the month continue to supply moisture and give moderate rain to Bengal. But, with the southward retreat of the current, they recurve over the Bay in the centre or near the head, and the moisture which they bring up is poured into the Deccan across the Madras coast.

There is also a very strong tendency at this time (the conditions of which can only be inferred from analogy and from the coast observations) to the occurrence of heavy rainfall over the sea area of the Bay and to the formation of cyclones, more or less powerful according to the conditions of their formation. Heavy continued rain at this time in the Deccan and along the Coromandel coast usually accompanies an absence of cyclonic disturbance in the Bay. Diminished rainfall over the same area is, on the other hand, an almost certain indication of stormy weather in the Bay.

October 1877 was distinguished by abundant and singularly opportune rain in Northern India, and the continuation of favourable rain in Southern India. This rainfall in Northern India, of which a full account is given below, occurred most unexpectedly after a dry rainy season of great severity. It enabled the cold weather crops to be sown, and in all probability saved the North-Western Provinces from a famine of considerable intensity.

The October rainfall of 1877 was in excess of the normal amount in the eastern districts of the Punjab, the North-Western Provinces, Oudh, Bundelkhand, the greater portion of Behar, the Central Provinces, and over the whole of the Madras and Bombay Presidencies, and in the Deccan. The following table gives arithmetical means showing approximately the amount of the excess:

	Average rainfall, October.	Rainfall, October 1877.	Excess in 1877.
Punjab	0·70	1·58	0·88
North-Western Provinces	1·70	3·49	1·79
Oudh	2·15	4·85	2·70
Behar	3·22	3·84	0·62
Central Provinces	1·60	2·99	1·39
Madras	7·17	10·14	2·97
Bombay	2·52	5·28	2·76

It was below the average in Burma, Arakan, Assam, Bengal, and Orissa. The deficiency was relatively greatest in Orissa and the adjacent districts of Bengal.

The chief feature in the rainfall of October was a remarkable condensation and rain precipitation, which began on the west coast, and slowly advanced eastwards over the country.

Heavy rain fell at Bombay, Surat, and Rajkot on the 4th. It continued on the 5th at Bombay. On the 6th it was considerably less in amount at these stations, but extended to Central India and the Central Provinces. In the latter provinces the rainfall lasted from the 6th to the 10th. It was most general and severe on the 7th. The Betul district in the Narbada division received exceptionally heavy rain on that day, five inches being recorded at Shahpur. In the North-Western

Provinces it began on the 5th or 6th, and was heaviest on the 7th or 8th. The following rainfalls of three inches or upwards will indicate fully its distribution:

Date.	District.	Station.	Rainfall.
6th	Muttra	Muttra	4·5 inches.
		Mahaban	4·3 „
„	Unao	Unao	3·2 „
7th	Moradabad	Bilhari	3·6 „
		Aonla	3·9 „
„	Bareilly	Bareilly	4·6 „
		Karor	3·2 „
		Bisalpur	3·0 „
		Bisauli	5·6 „
„	Budaon	Sahaswan	6·4 „
		Dataganj	3·7 „
„	Muttra	Saidabad	4·4 „
		Farah	3·7 „
		Fatehpur Sikri	3·9 „
„	Agra	Itimadpur	7·25 „
		Fatehabad	5·1 „
		Firozabad	4·7 „
		Jalesar	7·2 „
		Etawah	4·3 „
„	Etawah	Bharthna	5·7 „
		Auraiya	6·4 „
„	Etah	Kasganj	3·7 „
		Etah	3·0 „
„	Cawnpore	Bilhaur	4·1 „
„	Banda	Mau	5·1 „
„	Allahabad	Meja	6·5 „
„	Hamirpur	Rath	3·0 „
		Kulpahar	3·5 „
„	Hardoi	Hardoi ..	4·3 „
		Bilgram	3·6 „
8th	Meerut	Meerut	4·1 „
„	Bareilly	Puranpur	3·0 „
		Mirganj	5·0 „
„	Budaun	Budaun	3·1 „
„	Shahjahanpur	Pawayan	3·9 „
„	Mainpuri	Mustafabad	3 2 „
		Shikohabad	4·8
		Chibramaw	5·9 „
„	Farukhabad	Kanauj	3·7 „
		Thatia-Tirwa	3·6 „
„	Etawah	Phaphund	3·5 „
„	Sitapur	Biswan	3·5 „
„	Hardoi	Hardoi	5·6 „
		Bilgram	4·8 „

The average fall on each day over the North-Western Provinces and Oudh is given below:—

October 6th...	0·41	October 8th	1·14
„ 7th...	1·35	„ 9th	0·35

Total average fall over the province ... ... 3·25 inches.

The rainfall in Bengal also appears to have been connected with the same general disturbance as a sequence. There was a break in the rains in the early part of the month. This was interrupted by the commencement of rain in Behar. It was confined

to the Patna division on the 5th and 6th, and extended over the Bhagulpore division on the 7th. There was general rainfall in Bengal (small in amount), Behar, and Assam on the 8th. Light showers fell over the same area on the 9th. On the 10th the rainfall in Behar was much more considerable, averaging 0·86 inches for the whole province on that day. Rain then ceased in Behar, but it became more general and heavier in Bengal on the 11th. General rain occurred on the 12th, and on the 13th over the whole of Bengal and in Orissa, after which the rains of the south-west monsoon of 1877 ceased in Bengal.

The above indicates a well-defined eastward extension of the rainfall from the Bombay coast through the Central Provinces to the North-Western Provinces, and thence through Behar to Bengal and Orissa.

The rainfall extended to the Punjab on the same day as to the North-Western Provinces, *viz.*, the 6th. It was confined to the southern and eastern districts, and was much less in amount than in the North-Western Provinces. It lasted until the 10th. During the remainder of the month, with the exception of a few local showers, no rain fell in the Punjab.

The following gives the dates of the termination of the monsoon rains in the different provinces:—

Behar	... October 11th.	Central Provinces	... October 9th.
Bengal	... „ 13th.	Punjab	... „ 9th.
Orissa	... „ 14th.	North Western Provinces	„ 9th.
Assam	... „ 14th.	Bombay	... „ 6th.

November.—The rainfall of November is unusually very insignificant in amount over the whole of Northern, Central, and Western India. The average fall for the whole of this area is barely one-tenth of an inch for the month. Madras and Ceylon receive fair rainfall during the month, due to the north-east monsoon.

The rainfall of November 1877 was exceptional in character. Heavy rain fell over the whole of the Punjab. It was excessive in amount at the northern stations. Thus at Peshawar 7·17 inches above the normal amount fell, and at Kohat 11·87 inches. The rainfall was almost *nil* and below the average in the North-Western Provinces, Oudh, Behar, Bengal, Assam, the Central Provinces, and Bombay, and over a considerable part of Madras, including the northern and central districts. It was considerably in excess in the Madura, Salem, Tanjore, and Tinnevelly districts, and in Ceylon.

The following gives the comparison of the rainfall at the more important stations in these districts of Madras, with the averages of previous years:

	Average rainfall, November.	Rainfall, November 1877.	Excess.
Dindigul	4·62	10·19	5·57
Madura	5·00	11·20	6·20
Calicut	2·88	7·60	4·72
Salem	1·56	2·25	0·69
Tranquebar	13·45	25·27	11·82
Tinnevelly	9·76	15·82	6·06
Tuticorin	7·52	13·40	5·88
Negapatam	13·33	15·35	2·02

The month of November was generally a dry one in Northern India. There was a cloudy period in the Punjab and North-Western Provinces from the 23rd to the 28th. It gave unusually heavy rain to the northern districts of the Punjab only. The following rainfalls exceeding two inches occurred:—

23rd—Kohat	...	...	...	...	4·0	inches.
24th—Kohat	...	...	...	...	3·3	„
24th—Peshawar	...	...	...	...	2·8	„
25th—Kohat	...	...	...	...	2·4	„
25th—Peshawar	...	...	...	...	2·7	„

In the North-Western Provinces the amount of the rainfall was insignificant.

Light showers fell in Eastern Bengal during the first week of the month, and in Assam during the last week. With these exceptions, no rain fell in Bengal. No rain occurred in the Central Provinces until the 29th and 30th, on which days light showers fell at several stations.

December.—The average rainfall of Northern, Central, and Western India during the month of December, although slightly greater than that of November, is generally small in amount. The cold weather rains of Upper India rarely commence before the last week of December. The average rainfall of the month for the Punjab is slightly less than half an inch. In the North-Western Provinces, Oudh, Behar, and Bengal the average is less than one-quarter of an inch, and is least in Bengal. The rainfall in Bombay and the Central Provinces is equally small in amount. The north-east monsoon gives a much smaller rainfall to Madras and Ceylon than during the previous month.

The rainfall of December 1877 was even more abnormal in character than that of the preceding month. It was very considerably above the average in the Punjab, the North-Western Provinces, Oudh, Behar, Chutia Nagpur, Assam, the Central Provinces, and the Berars. The excess over this large area is illustrated by the following averages:

	Average rainfall, December.	Rainfall, December 1877.	Excess in 1877.
Punjab	0·82	4·23	3·41
North-Western Provinces	0·43	2·81	2·38
Oudh	0·47	1·63	1·16
Behar	0·12	0·70	0·58
Chutia Nagpur	0·15	0·68	0·53
Central Provinces	0·28	1·50	1·22

It was small in amount and slightly in defect at the majority of stations in Bengal and Orissa.

There was excessive rainfall in Ceylon, and in the Salem, Cochin, Madura, Tanjore, and Tinnevelly districts of Madras. The following selected examples serve to show the amount of the excess:

Stations.	Average rainfall, December.	Rainfall, December 1877.	Excess in 1877.
Colombo	6·01	17·72	11·71
Manaar	6·80	17·94	11·14
Trincomalee	11·90	19·49	7·59
Galle	7·49	12·78	5·29
Kandy	7·87	17·64	9·77
Tuticorin	2·13	13·20	11·07
Tinnevelly	2·74	14·60	11·86
Negapatam	8·87	16·82	7·95
Madura	2·50	13·50	11·00
Dindigul	2·42	8·55	6·13
Cuddalore	4·96	16·95	11·99

There were three distinct rainy periods in the Punjab during December. The first began on the 8th, and continued until the 10th. The following rainfalls of two inches or upwards are given in the revenue rainfall returns:—

December 9th, Sirsa	... 2·6	inches.	December 9th, Gujrat	... 4·2	inches.
„ „ Ludhiana	... 2·4	„	„ „ Abbottabad	... 2·8	„
„ „ Jullundur	... 2·5	„	„ 10th, Rotak	... 2·2	„
„ „ Dharmsala	... 2·4	„	„ „ Umballa	... 2·2	„
„ „ Sialkot	... 2·0	„	„ „ Ludhiana	... 2·3	„
„ „ Gurdaspur	... 4·6	„	„ „ Jullundur	... 2·4	„
„ „ Gujranwala	... 3·2	„	„ „ Hoshiarpur	... 3·0	„
„ „ Jhelum	... 3·0	„	„ „ Dharmsala	... 2·4	„

The second was on the 19th, on which day an average of 0·11 inch fell over the province. The third lasted from the 27th to the 29th, during which the following rainfalls of two inches or upwards were recorded:—

December 27th, Abbottabad	... 2·9	inches.	December 28th, Gurdaspur	... 2·4	inches.
„ 28th, Sialkot	... 2·1	„	„ „ Rawalpindi	... 2·0	„

The first general fall of the month in the North-Western Provinces occurred on the 8th, 9th, and 10th. It gave an average of 2·5 inches to the Meerut, Rohilkhand, Agra, and Sitapur divisions; 1·5 inches to the Jhansi, Lucknow, and Fyzabad divisions; 0·5 inch to the Allahabad division; and 0·25 inch to the Benares and Rai Bareli divisions. The second fall on the 18th and 19th was confined to the north-western districts of the province. Over the Meerut and Rohilkhand divisions it gave an average of 0·75 inch, and to the Agra division 0·5 inch. The last fall of the month occurred on the 29th and 30th, but gave very partial rain, and was only considerable in the Dehra Dun district and in Kumaun.

In Bengal there were partial showers from the 8th to the 11th. The rainfall of this period was most generally distributed on the 11th, but it only gave an average of 0·04 inch to the whole province. No rain occurred after this until the 30th and 31st. On the 30th there was rain over the whole of Behar, which gave it an average of 0·36 inch. The rainfall extended on the 31st to Bengal and Assam, but was generally inconsiderable in amount.

No rain fell in British Burma during the month. In the Central Provinces there were light occasional showers from the 2nd to the 10th. The rainfall was most general on the 8th. No rain fell after the 10th during the month.

The preceding analysis of the distribution of the rainfall during the year 1877 has shown that the year was characterized by extreme irregularity in this element of atmospheric registration. The winter rains of 1876-77 and of 1877-78 were abnormally developed over the whole of Northern India. The excessive rain precipitation over this area, including the Punjab, North-Western Provinces, Behar, Bengal, and the Central Provinces, moreover accompanied unusually heavy snowfall and snow accumulation in the Himalayas. Recent experience appears to indicate that heavy cold-weather rainfall in Northern India always accompanies excessive winter snowfall in the Himalayas; and the two are therefore probably due to some abnormal feature in the upper return current of the north-east trades or monsoon current of the cold weather in Southern Asia. As has been already stated, I believe the great majority of these great irregularities are nearly, if not quite, compensatory in character; and therefore although, so far as investigation has been directed to this fluctuation of the winter rains in Northern India, it has shown a periodicity in its amount and occurrence, yet I do not believe the actual fluctuation represents the direct influence of the variation in the amount of the solar radiation, as represented by the variation in the number of sun-spots. If it be primarily due to this, it can only be that, in virtue of peculiarities and features of air motion as yet not investigated, the solar radiation, as measured by the number and extent of the sun-spots, tends to produce greater irregularities than usual at minimum sun-spot periods, and that, in virtue of local geographical features which exercise a most important modifying effect on the lower atmospheric currents, many of these irregularities do tend to occur over the same area, and hence present the same periodicity as the sun-spots.

The following will show the amount of the excess at a few of the more important stations in Northern India:

	January.	February.	March.	April.	May.	November.	December.	Total Excess.
Peshawar	1·70	1·21	—0·63	4·32	—0·54	7·17	5·19	16·42
Abbottabad	0·04	2·93	—0·29	5·71	2·44	8·65	7·59	27·07
Jhelum	7·61	3·81	—1·08	0·88	—0·04	2·64	5·11	18·93
Jullundur	2·80	3·07	0·72	0·99	0·40	1·29	5·28	14·55
Ludhiana	0·95	1·11	1·03	0·51	—0·39	0·75	4·86	8·82
Delhi	1·38	1·50	—0·51	—0·18	—0·48	—0·09	2·07	3·69
Roorkee	2·04	1·46	1·30	—0·19	—0·68	—0·06	2·79	6·66
Bareilly	1·05	0·68	0·81	—0·29	—0·79	—0·06	1·87	3·27
Moradabad	4·17	1·51	0·62	—0·26	0·18	0·82	4·76	11·80
Gorakhpur	2·16	0·40	—0·37	0·22	—0·83	—0·23	1·26	2·61
Basti	3·24	0·07	0·06	0·33	—1·10	0	0·34	2·94
Fyzabad	1·97	0·83	—0·47	0·91	—0·42	0	0·54	3·36
Durbhanga	1·40	1·04	—0·29	0·03	0·30	0	0·76	3·24
Purneah	0·50	0·25	—0·01	0·63	4·62	0	0·16	6·15

There is so little known of the upper south-west current of the north-east monsoon, that it is almost useless at the present time to speculate on the causes of this extraor-

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dinary development of the winter rains during both cold weathers. The wind returns have shown that the velocity of the lower current during these periods was considerably below the average. It is therefore probable that the strength of the upper current was also below the average, and consequently that the rainfall over the first large area of condensation, *viz.*, the Himalayas and the region to the south, should be greater than usual. This, to a certain extent, is confirmed by the analogy of the south-west monsoon current of the year, which was considerably weaker than usual, and which gave excessive rain to the more southern districts of its usual area of prevalence, *viz.*, Southern India and British Burma; whilst, on the other hand, it almost entirely failed to penetrate to its more distant limits, the North-Western Provinces and the Punjab. Numerous other causes might be assigned. The above is only placed on record as showing a certain identity of action in both cases, and as therefore acquiring a greater degree of probability than any assignable cause which would help to explain the irregularities of only one of the great rain periods of India.

The south-west monsoon current of 1877 was, to employ the ordinary expression, unusually weak. This weakness, even in the Indian land area, moreover implies much greater irregularity than usual. The rains were unusually abundant in British Burma, Arakan, and Eastern Bengal. They were also copious along the west coast of India, the Deccan, and Madras. An average amount fell over Western Bengal, Chutia Nagpur, and the eastern districts of Behar. In the Punjab, North-Western Provinces, and Rajputana they failed almost entirely, and in Bombay and the Berars they were considerably below the average. The following table will illustrate these statements:

	Average rainfall, June to September.	Average, June to September 1877.	Variation.
Punjab	20·06	9·41	—10·65
North-Western Provinces	32·44	8·96	—23·48
Behar	38·26	27·30	—10·96
Bengal	57·24	62·30	+ 5·06
Orissa	44·62	35·57	— 9·05
Central Provinces	43·09	35·88	— 7·21
Bombay	50·33	33·40	—16·93
Burmah	107·40	121·96	+14·56

The abnormal irregularity was shown in various ways. It was shown by the occurrence of excessive local rainfall over well-defined areas. Amongst these may be mentioned—

1st.—The heavy rainfall over the coast area from Bombay to Ratnagiri from June 18th to 25th.

2nd.—The excessive rainfall on two occasions over a small area in the south-east of the Punjab in the months of June and September.

3rd.—The excessive local rainfall in certain districts of the Central Provinces, more especially in the Narbada division.

It is indicated even more strikingly by the irregularity of its distribution over India. The Northern India supply was apparently appropriated by Burma and Farther India, whilst the Bombay supply was partially diverted into Southern India, and partly into

the Central Provinces. It is equally strongly indicated by its irregular occurrence. The south-west monsoon was established at its usual date over Ceylon, the Malabar coast, and in Southern Burma. It advanced much more slowly than usual, and not by any progressive motion, but by sudden leaps over large areas. It was a fortnight later than usual in commencing at Bombay. It was not fully established in Bengal and Behar until the last week of June, and was thus fully ten days after date in this portion of India. Without referring to any other features of its distribution in time, it is sufficient to mention the remarkable rainfall over the whole of India during the first and second weeks of October, nearly three weeks after the usual termination of the rains. The leading feature of the rains of 1877 was consequently abnormal irregularity.

I have already stated, and indicated on more occasions than one, that, whilst the primary cause of these irregularities may be variation in the amount of solar radiation, the law of connection between this and the abnormal irregularities of rainfall is not a direct one; and the links of the connection will not be established until the dynamics of the great atmospheric currents of India have been studied and investigated. But, to employ the words of Mr. F. Chambers in a recent report on the meteorology of Bombay, "most of the abnormal variations of weather in India are due to causes which are similar, if not identical, with those which produce the normal variations. There is, and can be no essential difference in the nature of the irregularities." The same causes which operate in ordinary years operate in extraordinary years, the sole difference being in the amount, character, and localization of the irregularities.

The progress of the monsoon current over the peninsula has hitherto been a subject for the imagination rather than for scientific investigation. Various theories have been broached to which it is hardly necessary to refer. As yet it is too early to give more than a general description and explanation of the chief phenomena.

As I have explained in a report on the Madras cyclone of 1877, the general causes are simple enough. The following is a brief summary:—

In the middle of the cold weather (*i.e.*, in the month of January) the mean pressure in the north of India is 30·1″. The pressure diminishes southwards to the neighbourhood of the equator. There is over the equator in the Indian Ocean a belt corresponding to the region of calms in the Atlantic. It is an area of permanent low pressure, almost uniform in amount. The mean pressure here usually varies from 29·85″ to 29·9″. The pressure at this period increases southwards over the region of the south-east trade wind; the southern boundary of which (necessarily undefined) is in the neighbourhood of the tropic of Capricorn. The mean pressure at the island of Mauritius in January is 30·25″. At this time, then, the area of minimum pressure is in the equatorial belt to the south of India, and there is indraught to this area from the regions to the north and south which gives rise to the north-east monsoon winds of India and to the south-east trade wind of the mid-Indian Ocean.

The temperature of India increases rapidly with the increasing altitude of the sun. The effect of increasing temperature is stated in such a manner in works of meteorology as often to give rise to erroneous ideas. The primary effect is to increase the pressure and elastic force of the atmosphere. The secondary effect is to produce motion in some direction depending upon external conditions. One frequent effect of this motion is to diminish the elastic force and density of the air over the

heated area. Generally in the open this secondary effect follows so quickly on the cause, that the primary action is entirely ignored. But it necessarily exists; otherwise the secondary action, motion, could not take place.

The case of a closed boiler well illustrates the order of the actions. As the source of heat increases, the temperature of the steam and amount of the pressure gradually increases, until a time arrives when the boiler is no longer able to withstand the pressure. It gives way at its weakest part, and then motion of the steam ensues. The time and duration of motion, however, evidently depend upon the strength of the boiler, *i.e.*, upon the external conditions in relation to the pressure.

Similarly in the case of the atmosphere, consequent on the increasing temperature (which proceeds during this period at a more rapid rate in Northern India and Central Asia than in the regions to the south) motion ensues, which may be described as a continuous adjustment toward equilibrium. The actual observed effect of this on the distribution of pressure in India is to diminish it more rapidly in Northern India than in Southern India. It is evident this implies that the line or area of highest pressure in India during this period travel southwards. In March the pressure is very nearly uniform over Northern India, and there is a ridge of high pressure across the head of the Bay. There is, therefore, nearly uniform, but low, pressure in Northern India, high pressure in the north of the Bay of Bengal, low pressure over the equator, and increasing pressure southwards. South-west winds set in over the Bengal coast. These blow over a portion of the Bay of Bengal, and hence are moisture currents, and give moderate rain to Bengal and heavy rain to Assam. As the temperature continues to increase, the pressure generally diminishes. The ridge of high pressure in the north of the Bay moves southwards, and diminishes in amount. Finally, about the middle of May, it merges into the region of low pressure over the equator; and there is then established a continuous decrease of pressure northwards, from the tropic of Capricorn to Upper India and perhaps Central Asia, probably interrupted occasionally by storm areas and areas of depression. The baric gradient (analogous to the slope of a river) is not steep. It, however, extends over an enormous area, and directs the atmospheric motion over a large portion of the Indian Ocean steadily northwards. This continuous atmospheric current comes laden with moisture, which it precipitates over India. But, to take the analogous case of water motion of a large river laden with mud. The deposit of the silt depends upon a variety of causes, in many cases apparently extremely feeble. A snag, or a sunken boat may determine a rapid deposit at one particular spot. A slight bend in the course of the river may produce a considerable scour at and near the bend, and cause a permanent depression of the bed. Again, a bund thrown out may cause the river to deviate from its course and advance in quite a different channel. A large flood may alter so very considerably the position of sand banks as to modify the bed and stream for several months afterwards. The anomalies and eccentricities in the flow of water have their counterpart in an exaggerated degree in the flow of the great atmospheric current of the rainy season from the Indian Ocean. The rain precipitation varies in the most remarkable manner from year to year. The current occasionally seems to deviate to the east in one year, flowing strongly over Burma and deluging it; in another year it flows slowly over the sea area, and deposits an unusually large proportion of its moisture over sea instead of land; and in a third year it gives slight rainfall to Burma and excessive rain to India. The causes of these differences in the

strength of the current in different years in different parts of Asia, and of the excessive variations in the amount of rainfall, have not yet been fully traced out.

In the absence of lengthened observation over the whole of India, it is necessary to adopt deductive rather than inductive methods to ascertain the causes of these variations of the monsoon current. There are three facts in the meteorology of India which must strike any one who has devoted his attention to its study for a lengthened period. The first of these is the remarkable persistence of meteorological irregularities. Amongst the most suggestive of these is, what Mr. Blanford has termed, "abnormal barometric variations." "These," as I have stated in my 'Note on recent south-west monsoons,' "are small local variations of pressure, either in excess or defect, as compared with neighbouring stations, which often continue unaltered for months, and occasionally even for as long as two or three years. They modify the wind directions, and the air movement thus set up appears to perpetuate their existence." A second is the very slight differences of pressure, &c., which accompany the great majority of the more extensive atmospheric disturbances, which imply that the readjustment towards equilibrium generally proceeds concurrently and almost adequately with disturbance. Thirdly, occasional exceptions to this process of re-adjustment occur, due to an unusual accumulation of energy in some one form, and its rapid conversion into some other form, and which give rise to storms of great violence. In these cases readjustment towards equilibrium has not proceeded concurrently with disturbance. Thus dust storms are probably due to a previous continuous increase of potential energy.

If we assume these facts, embodying the more important general results of previous meteorological observations over India, it seems almost self-evident that when the continuous decrease of pressure or baric gradient from the tropic of Capricorn northwards to the Himalayas has been established, the velocity of the current and the rain-precipitation will depend upon the previous distribution of pressure, and that the character of the distribution of pressure will continue more or less persistent during the rains; and that, consequently, the general distribution of the rainfall of the south-west monsoon will continue similar in character throughout that season. This principle, combined with the relations of the wind distribution and variations, will generally supply a key to disclose the meaning of abnormal differences of pressure, and will also, I believe, enable the Indian meteorologist to previse, in the month of May or June, the general character of each approaching monsoon. This is probable, for a variety of reasons. The chief, however, are those to which I have referred—*viz.*, that the air motion, and rainfall, set up by the differences of pressure, tend to perpetuate these very differences, because the motion is not up to the state of equilibrium, but beyond it, and because rainfall gives rise to an indraught, and hence, by drawing away moisture from neighbouring regions, tends to perpetuate its own continuance, so long as the supply of moisture from the adjacent districts is sufficient to maintain the precipitation.

But, as I have also pointed out in the "Note on recent south-west monsoons," if these views are correct, practical and economical meteorology in India requires further extension. If the strength of the current depends upon differences of pressure, it is not sufficient for provision to know the distribution over the land area only. It will be absolutely necessary to extend our observations to the sea area south of India, and ascertain the meteorology of the source of the rains. For I have already endeavoured, in connection with the cyclones of the Bay of Bengal, to call attention to the desirability of extending as rapidly as possible our area of observation southwards by means of registration

of pressure, wind, &c., on board ships traversing the North Indian Ocean and its arms the Bay of Bengal and the Arabian Sea; and the necessity of the extension compels me to urge it again in connection with the even more important subject—the prevision of the general distribution of each year's monsoon rainfall.

I have already stated, as the result of an examination of rainfall in Arakan and Bengal, and of variations of pressure between the coast and the south of the Bay, that the baric differences during the rains are in a state of continuous oscillation.

Before heavy and general rainfall, *i.e.*, at the beginning of partial or general breaks in the rains, the baric differences are diminished, the wind velocity low; the temperature tends to increase, and the great changes of pressure at this time usually occur in Northern India. During heavy rainfall the baric differences are considerable, the wind velocity above the average, and the barometer tends to rise with the gradual diminution of the rainfall.

A current of air along the Bombay coast and head of the Bay of Bengal, 1,500 miles in breadth and one mile in height, moving with the velocity of ten miles per hour, would bring sufficient moisture to give the whole of India a rainfall of about half an inch daily. The amount of aqueous vapour in the air at any moment, it must always be remembered, is extremely small. Even in the rains, when it contains a maximum amount, calculation shows that the amount it could possibly contain, if every portion of it were saturated, would not weigh more than fifteen or twenty pounds, and, therefore, not give a fall of more than three or four inches. As there is at the utmost a very slight decrease in the humidity of the air in the lowest strata during rainfall, it is evident that in heavy rainfall there must be a continuous indraught to the area of rainfall, and the heavier the rainfall, the greater and more rapid must the indraught of moisture be. Hence ascensional movement and indraught, under the ordinary conditions of the earth's atmosphere, are as essential to vapour condensation and rain-precipitation as heat is to the formation of steam or aqueous vapour. And, moreover, the energy of the latent heat given out during condensation is sufficient to maintain the ascensional movement, and, therefore, the indraught. Consequently, indraught is not merely necessary to rainfall, but is also produced by the rainfall; so that the two are concurrent processes, each tending to perpetuate or continue the existence of the other. If the condensation take place in a stratum at a considerable height above the earth, it is possible, and even probable, that the indraught may not manifest itself at the surface of the earth, but occur entirely in the upper strata. What effect indraught and ascensional movement in the upper strata will have upon the pressure in the lower strata is a question which has, I believe, not even been considered. If, on the other hand, the rain condensation commences and continues in the lower strata, the indraught, if it occurs on a sufficiently extensive scale, will, and must, give rise to rotatory motion of the atmosphere—or, in other words, to a cyclonic disturbance. At certain seasons of the year this action is concentrated over a single region (the Bay of Bengal) for a considerable period, and then intense cyclones are formed. During the rains, when the action is going on in a similar manner, either in detached areas over the whole of India, or else over the greater part of India and the adjacent seas, it would appear that these cyclonic disturbances should be a common phenomena, but that they should be much less intense, as they interfere with each other, and do not concentrate in the same way as the cyclones of May and October.

It may here be noted that the general motion of the lower atmosphere in India during the rains—south-west coast winds along the west coast, west winds in Southern India, south and south-east winds in Bengal, easterly winds up the Gangetic valley, and north-east winds at the trans-Indus stations—is retrograde or cyclonic, and shows that India is at this time a large eddy or cyclonic vortex.

The preparation of daily charts from August 1st of the year 1877 confirms what appears to be indicated by theory. It is of course too early as yet to assert, from the experience of a part of one year only, that small cyclonic disturbances are a feature of the rains. The following gives a brief account of several well-defined cyclonic disturbances which originated in the Bay of Bengal, and advanced to the northern coast of the Bay of Bengal, during the months of August and September 1877 :—

The majority of these small cyclonic vortices during the rains of 1877 seem to have formed in the north-east angle of the Bay. The first cyclonic vortex was apparently formed on the 5th and 6th of August, during which the pressure diminished rapidly. The wind directions at 10 A.M. of the 6th were east at Chittagong, south-east at Dacca, north north-west at Saugor Island, and west at False Point, indicate the usual indraught into an area of rainfall and diminishing pressure. The average 10 A.M. atmospheric pressure at Chittagong for the month of August is 29·717, and for Dacca 29·684. On the 7th the pressure at 10 A.M. at Chittagong was 29·387 or 33″ below the mean. On the 8th at the same hour it was 29·305 or ·412″ below the August average, whilst at Dacca it was 29·422 or ·26″ below the Dacca mean for August. During the next 24 hours the pressure increased ·06″ at Chittagong, and diminished ·1″ at Dacca. The depression at the centres probably never exceeded five-tenths. It filled up rapidly on the afternoon of the 9th and 10th, and disappeared on that day. Whence it appears that it was formed on the 6th and 7th. It reached the coast on the morning of the 8th near Chittagong, and advanced nearly due northwards, with perhaps a slight deviation towards the west. The heavy rainfall at this time was along the east coast of the Bay and in Burma, Aracan and Assam. It was therefore formed in that part of the Bay where the rainfall, whether judged by that of the neighbouring coasts, or by the logs of the few vessels I have been able to obtain was greatest, and it evidently drifted in the direction of the wind over the area of its motion. The mean wind direction for August 1877 at Chittagong was S. 3° E., and for the last 10 years is S. 31° E., whilst at Dacca the mean direction for August 1877 is S. 30° E., and for the month of August for the past 10 years is S. 16° E.

The following table indicates the extent and intensity of the rainfall during the advance of this cyclonic vortex :—

Stations.	Rainfall.					
	6th.	7th.	8th.	9th.	10th.	11th.
Akyab	2·33	6·28	2·13	0·98	0·25	0·51
Chittagong	0·65	0·25	4·07	10·25	0·37	...
Comillah	0·80	0·06	0·29	2·72	0·10	0·18
Dacca	0·06	...	1·82	2·90	0·45	0·20
Silchar	0·30	...	...	0·02	0·20	...
Barisal	0·03	0·08	1·75	0·56	0·22	0·09
Noakhally	0·10	0·49	1·35	2·34	1·13	0·70
Jessore	0·30	...	1·92	2·00	1·00	0·35
Rangamattee	0·80	0·62	2·86	5·43	0·24	...
Hill Tipperah	0·30	2·00	0·95	1·36	0·13	...
Rungpore	...	0·02	0·90	0·01	...	...

The barometer was low on the 10th and 11th over the whole of the delta. It rose until the 13th when it again began to fall. The pressure was lowest on the 11th (10 A.M.) at Saugor Island, where it was 29·481 or ·2″ below the August mean; on the 15th the pressure was lowest at Calcutta where it was 29·453″ or ·21″ below the Calcutta mean. The daily charts shew that this low pressure was due to the advance of an area of low pressure from the head of the Bay on the 15th over Saugor Island northwards to Calcutta. It gradually dissipated on the 16th, and shews no trace of its existence in the chart of the 17th. It was a cyclonic vortex in which the barometric depression was barely one-half of the previous one noticed.

The following table indicates the extent and intensity of the rainfall on shore during the existence of the disturbance:—

Stations.	Rainfall.				
	14th	15th.	16th.	17th.	18th.
Saugor Island	0·76	2·37	0·19	...	...
Calcutta	0·80	0·44	3·80	...	0·15
False Point	...	...	...	0·60	...
Cuttack	0·18	0·69	...	...	...
Chittagong	0·25	0·46	1·31	6·82	3·97
Jessore	0·21	0·27	1·01	...	2·08
Dacca	0·20	0·50	0·80	0·78	1·92
Krishnagar	0·15	0·69	0·66	...	1·23
Berhampore	0·13	1·30	2·10	...	3·12
Pubna	0·26	0·29	2·30	...	8·38
Rungpore	0·25	0.51	...	1·91	0·20
Maldah	0·05	0·72	...	3·20	0·35

The next cyclonic disturbance in order of time began to form off the Aracan coast on the 17th, 18th and 19th of August. The centre was in the immediate neighbourhood and to the east of Chittagong at 10 A.M. of the 20th, when the pressure was 29·537″ or ·18″ below the August mean. It advanced northwards across Eastern Bengal on the 21st and was dissipated on the 22nd in Northern Bengal.

The last one of the month was generated in the north-west of the Bay on the 28th and 29th. The pressure at Saugor Island at 10 A.M. of the 29th was 29·648″ and the wind north north-east. The barometer fell immediately during the day and stood at 29·495″ or ·2″ below the August mean at 10 A.M. of the 30th. At that time the centre was apparently in the immediate neighbourhood of Saugor Island. The barometer rose rapidly during the day and the disturbance was entirely dissipated on the morning of the 31st.

The only important cyclonic disturbance of September was one which formed off the Orissa coast on the 4th and 5th.

The following gives the pressure at 10 A.M. of the 6th and the wind direction :—

Saugor Island	...	...	...	29·679	E. N. E.
False Point ...	...	...	...	29·680	N.
Vizagapatam...	...	...	...	29·673	W.
Cuttack ...	...	...	...	29·687	N. N. E.

The centre at that hour was in the neighbourhood of the Orissa coast.

The pressure and wind direction at several stations for 10 A.M. of the 7th are given below :—

Cuttack ...	...	...	...	29·578	W.
False Point ...	...	...	...	29·605	N. N. W.
Saugor Island	...	...	...	29·620	S. S. E.
Sambalpore ...	...	...	...	29·663	N. E.

The centre was at that time in the neighbourhood of Cuttack. The following give similar returns for September 8th :—

Cuttack ...	...	...	...	29·690	S. S. W.
Saugor Island	...	...	...	29·679	S. S. W.
Hazaribagh ...	...	...	...	29·619	E. N. E.
Sutna ...	...	...	...	29·690	N.
Nagpur ...	...	...	...	29·741	W.
Jubbulpore ...	...	...	...	29·728	N. W.
Sambalpore ...	...	...	...	29·619	W.

The centre was probably in the Bilaspore district of the Chattesgarh division of the Central Provinces. Finally, the following shows that it was in the neighbourhood of Patna and Gya on the morning of the 10th :—

Patna ...	...	...	...	29·607	E.
Gya ...	...	...	...	29·612	N.-W.
Hazaribagh ...	...	...	...	29·623	W.

It gradually disappeared during the next 24 hours. The rainfall during this storm has been already described.

Finally, a small disturbance advanced to Saugor Island from the Bay on September 16th. It was, however, a very small one ; the barometric depression was only ·15″ and it rapidly disappeared.

From the above statements the general characters of the meteorological changes and actions which constitute the south-west monsoon may be inferred.

It accompanies the establishment of general decrease of pressure from the southern limits of the south-east trade winds in the Indian Ocean northwards to the large mountain mass of Southern Asia. It is essentially a sea current, and gradually saturates the atmosphere of Central and Northern India, or, in other words, of the whole of India, except the narrow coast area previously influenced by the local land and sea breezes. This sea current is one of great depth ; and in this respect is unlike the smaller sea currents which prevail over the coast area during the antecedent months of March, April and May. Its velocity, and the amount of precipitation in different parts of India, depend upon a variety of circumstances. The distribution of pressure exerts a powerful influence in determining the set of the current, and, still more, the precipitation of moisture from it. Also from the fact that rainfall necessarily gives rise to a strong indraught which tends to perpetuate the rainfall, so long as the supply of moisture is considerable.

One marked feature during the rains is the division into periods of heavy general rainfall and of moderate rainfall, or partial breaks in the rains more or less general. During the period of heavy general rainfall the barometric differences over India are considerable; the winds are strong along the coast, and the barometer tends to rise. During the breaks in the rains the barometric differences are small; the winds light and below the average, and there is a tendency for the barometer to fall. The period of these oscillations depends very largely upon the relations between the meteorological conditions over the sea area of evaporation and the land area of rain fall; and hence it is, in our present state of ignorance, unnecessary to enquire what actually determines these oscillations.

General conclusions.

In the preceding analysis of the more important features of the meteorology of India for the year 1877, I have endeavoured to bring out into full relief the more prominent irregularities or characteristics of the year. It is certain that many of these irregularities might be shewn more fully by the employment of actual observations than of the means given in the various Tables. The accumulation of mere arithmetical averages, however skilfully prepared, is, in certain respects, as objectionable as the accumulation of separate observations. It is perhaps not too much to say, that necessary as means are in ascertaining climate, they are almost useless in determining weather. Weather, as distinguished from climate, is characterized by irregularity. This irregularity is however more or less periodic in character. The special irregularities or deviations of the meteorology of any given period from the climate, or normal condition, as represented by certain means obtained from the observations of a large number of years, constitute in fact the meteorology of that year. And the investigation of the meteorology of the year will be incomplete so long as the major irregularities are not demonstrated to be natural sequences of certain pre-existing atmospheric conditions. When the major irregularities can be clearly demonstrated to follow each other as necessary sequences in accordance with the laws of atmospheric motion, then prevision of these irregularities or of the more massive features of the weather will become a possibility. This, moreover, I believe to be a possibility, and an early possibility in India for reasons which I have already adverted to, and which are founded upon the following assumptions: *first*, the almost complete isolation of Southern Asia and the Indian Ocean as a meteorological area; and *secondly*, upon the extreme simplicity and persistency not only of its ordinary climatic features but of all the major irregularities.

Thus the north-east monsoon prevails in its full integrity over the whole of India from November to the middle or end of February. Local sea winds gradually set in round the coast and increase in intensity and extend their area of influence during March, April and May. During the latter half of May and the beginning of June, the sea-winds are still further intensified and converted from a shallow irregular atmospheric current to a deep current of remarkable steadiness and considerable force. This blows towards the peninsula of Southern India as its goal during the months of July and August. It begins to weaken in September. During that month and the month of October it gradually retreats and thins off, yielding place to the north-east trade winds. Each of these lower atmospheric currents is remarkably persistent during the period of its prevalence, and each retreats very slowly and gives way very gradually into the other.

As further examples of this remarkable uniformity of the recurrent features of the meteorology of India, the following may be given. In two years out of three the cold weather rains which are due in Christmas week began during the last week of the year. At Bombay the monsoon rains in three years out of four commence on the 4th or 5th June. And as a mere matter of observation, cases of apparent reversal of the barometric tides in India are exceedingly rare. Thus from the 17th June 1876 to the present date, January 1879, the 10 A.M. reading of the barometer at Calcutta has always been higher than the 4 P.M. reading.

Instances might be multiplied of the marvellous regularity with which the normal re-current massive meteorological changes occur in India. The regularities which constitute the normal meteorology or climate of the country are consequently remarkably persistent. But what is known to be true of the regularities which form the climate, recent experience and investigation show to be equally true of the irregularities which constitute the weather or current meteorology of India. The leading and primary object that has been kept in view throughout the report, has been to show the persistency of the more important features of the meteorology of the year. I have shown it to be true not only in the case of the barometric variations or irregularities, but have also shown it to be as strikingly true for the irregularities of rainfall and of the air motion during the year, both on the large and the small scale. I have also indicated, briefly, that it is equally true for temperature, and even for the amount of cloud, and the inference is therefore very strong that the persistency of these irregularities in each of the elements of atmospheric observation is and can only be the case because they represent as a sum total the persistency of abnormal conditions, irregularities, or deviations from the mean state of the atmosphere as a whole. Thus a persistent irregularity or abnormal barometric deviation necessarily accompanies persistent irregularity of air motion, irregularity of rainfall, &c. Moreover, none of these can be separated entirely from the rest as cause to the others.

I have endeavoured to assign partly the reasons of the persistency of the irregularities which form the leading features of the meteorology of the year. It is partly due to the regularity of the atmospheric changes in India, and to the simplicity and massiveness of its leading features. It is also partly due to certain features of atmospheric motion, following on rainfall or difference of pressure. I have briefly endeavoured to show that both of these antecedents or causes tend to perpetuate locally for considerable periods the antecedent conditions which gave rise to the motion.

The most important fact or principle which the study of the meteorology of India during the past three years has given is, the tendency of any peculiar or abnormal atmospheric condition (whether a regularity or irregularity) to perpetuate itself for prolonged periods varying from months to two or three years. This is true on the whole, because it is true for every element of atmospheric observation. Hence the study of these persistent abnormal atmospheric states, their antecedents, and the conditions which determine their continuance and disappearance, will form a prominent feature in the future study of the meteorology of India. And their study has a most important practical bearing, because as soon as they have been reduced to law and order, weather prevision in the form it is required in India in anticipation of famines will become a possibility.

The most striking fact in the meteorology of the year 1877 was the existence of certain prolonged great irregularities of atmospheric condition. The persistence of those massive deviations from the mean atmospheric condition is the one fact which it has been attempted to put forward in the present report with the prominence it appears to require. It was manifested by the unusual cold and rainy weather of the first five months of the year in Upper and Central India, and by the continuance at the same time, of drought and famine in Madras and the Deccan. The air motion over the whole of Northern India was during this period much feebler than usual, whilst the Central Provinces, on the other hand, formed an area of increased atmospheric motion. The directions of the lower air-currents presented well-marked persistent deviations both on the large and small scale. One of the most striking of the latter was the unusual southerly element in the wind-directions of Patna and Benares, which station was also the centre of a local area of low pressure during the year. It was equally strongly marked during the south-west monsoon by the excessive rainfall over the coasts of Travancore, Malabar and Canara, and the diminished rainfall over the west Indian coast region to the north of Goa. It was manifested by the diversion of each of the two great branches of the monsoon current. The Bay of Bengal branch was steadily and largely diverted into Burma. This diversion was shown by excessive rainfall over that region; by the persistent strong westerly element in the wind-direction at stations in the east and north of the Bay, and also by the presence of a barrier or ridge of high pressure stretching from Saugor Island, through Calcutta and Berhampore, to Goalpara. The Arabian Sea branch of the monsoon current was diverted in the same direction, and gave copious rain to the Central Provinces, to the southern half of the west coast of India, and to the Deccan and Southern India. The diversion was also marked by an abnormally strong westerly element in the wind-directions, and also by the presence previous to, and during the whole of the rains, of a barrier or ridge of relatively high pressure stretching from the coasts of Guzerat and Sind across Central Rajputana to Bundlecand.

The establishment of the north-east monsoon in November and December 1877 was accompanied by the development, both on the large and small scale, of the same features which had characterized the early months of the year, *i. e.*, the previous north-east monsoon. There were abnormally heavy cold weather rains. In Upper India the air motion was steadily below the average, whilst in the Central Provinces it was above it. The same feature of excessive snowfall in the Himalayan region marked both cold weathers. And to give only one example of the recurrence on the small scale of the same variation before and after the south-west monsoon of 1877, the air-motion at Patna and Benares (still a centre of low pressure) during the months of October, November and December, presented the same unusual southerly element as during the previous cold weather months. It is needless to multiply examples in demonstration of this fact of the remarkable persistency of abnormal atmospheric conditions in India, and of which the year 1877 has been a striking illustration.

The second principle which the meteorology of the year 1877 establishes is, that those abnormal variations are, almost, if not entirely, compensatory in character. There may be a slight differential result which can only be explained by variations in the amount and character of solar radiation as estimated by the number of sun-spots, &c.

Thus the high pressure in India and Australia in 1877 was probably compensated by low pressure in China. The persistent low temperature of the cold weather months in Upper India was followed by a period of excessive temperature during the rainy months. The light rains of Upper India were compensated for by excessive rainfall in Burma. The diminished rainfall along the Bombay coast accompanied unusually heavy rainfall in Southern India and certain portions of the Central Provinces. The diminished air-motion in Upper India during the cold weather months accompanied excessive air-motion in the Central Provinces, and was followed by stronger winds than usual during the south-west monsoon period in Northern India. These are a few of the more prominent examples during the year of the compensatory character of the atmospheric variations over large areas.

In conclusion, the following are the more important inferences that the meteorology of India in the years 1877 and 1878 appear to suggest, if not to establish. There is a tendency at the minimum sun-spot periods to prolonged excessive pressure over India to an unusual development of the winter rains, and to the occurrence of abnormally heavy snowfall over the Himalayan region, (to a greater extent probably in the western than the eastern Himalayas). This appears also to be usually accompanied by a weak south-west monsoon. The characteristics of a weak monsoon, are great irregularity in the distribution of the rainfall over the whole of India, and the occurrence of heavy local rainfalls which tend by a law of rainfall and of air-motion to recur over the same limited areas. The irregularity of rainfall distribution is often shown by the persistent and prolonged absence of rain over considerable areas. These areas of drought and famine are partly marked off by nature, depending to a certain extent on the geographical features and position of the district. Thus the rains are more likely to fall below the amount necessary for cultivation in the dry region of the Deccan or in Upper India, than over the Malabar coast area, or the province of Bengal. Geographical position is however not every thing. It probably explains sufficiently the tendency to the recurrence of famines in certain areas. The primary causes must be sought for in the great atmospheric current which is the source of the rains. The tendency to the occurrence of high pressure and low temperature due to excessive winter rains in Upper India and snowfall in the Himalayan region, assigns an adequate cause for the accompanying variation in the strength of the south-west monsoon. And as the continuance of the south-west monsoon during the months of July, August and September is mainly, if not entirely, due to the indraught which accompanies the rainfall, a weak monsoon and therefore lighter rains than usual in the early stages necessarily produce a feebler indraught than usual. In other words, so far as this one important factor influences the monsoon, if it is weak initially, it will be weak and feeble during the whole period. It is almost unnecessary to add that this has been amply confirmed by the experience of recent years. Hence the tendency at minimum sun-spot periods to the occurrence of excessive winter rains and snowfall in Northern India influences the meteorology of the whole of Northern India, giving rise to increased pressure, diminished temperature, &c., during the period immediately antecedent to the rains. The baric gradient of the south-west monsoon is smaller than usual at its commencement, and the monsoon is weak and feeble; a larger amount of the aqueous vapour is probably deposited over the sea area before it reaches India. In India the rainfall is more irregularly distributed than usual,

The distribution of the rains in India itself is probably dependent upon the peculiar features of the local distribution of pressure. Local heavy rains over limited areas are accompanied by drought—partial or complete—over other areas. The probability of the occurrence of drought over any area depends partly upon the geographical position of the area, but mainly upon the antecedent abnormal atmospheric conditions, in so far as they modify the direction and strength of the lower atmospheric vapour-bearing currents.

The following account of the character of the snowfall on the Western Himalayan region during the winter of 1877-78, is taken from a paper written by R. Leddeker, Esq., Geological Survey of India, and published in the Journal of the Asiatic Society for the year 1878. It was received too late for publication in the body of the report in support of the arguments respecting the influence of excessive snowfall in the Himalayas.

"Among the inhabitants of the Kashmir Himalaya, the winter and spring of 1877-78 will long be memorable on account of the enormous quantity of snow which then fell on their mountains and valleys, and still more on account of the grievous famine which followed this excessive snowfall. So excessive indeed was this snowfall, that no tradition or record exists, even amongst the oldest inhabitants, of anything approaching to such a fall. I have therefore thought that a short account of this abnormal snowfall, and of the destruction inflicted by it on the indigenous animal life, might be thought not unworthy of a place in the records of the Asiatic Society, and have accordingly put together the following notes:—

"Early in the month of October 1877, snow commenced to fall in the valley and mountains of Kashmir, and from that time up to May 1878, there seems to have been an almost incessant snowfall on the higher mountains and valleys; the inhabitants have indeed informed me that in places it frequently snowed without intermission for upwards of ten days at a time. It is extremely difficult to obtain from the natives any correct estimate as to the amount of snow which fell in any place; but at Dras, which has an elevation of about 10,000 feet, I estimated the snow-fall from the native account as having been from 30 to 40 feet thick on the level.

"The effects of this enormous snow-fall are to be seen throughout the country. At Dras the well-built travellers' bungalow, which had stood, I believe, some thirty years, was entirely crushed down by the weight of the snow which fell on it. In almost every village in the neghbouring mountains more or less of the log-houses have likewise fallen; while at Gulmarg and Sonamarg, where no attempt was made to remove the snow, almost all of the huts of the European visitors have been utterly broken down by the snow.

"In the higher mountains, whole hill-sides have been denuded of vegetation and soil by the enormous avalanches which have swept down them, leaving vast gaps in the primæval forests, and choking the valleys below with the debris of rocks and trees.

"As an instance of the amount of snow which must have fallen on the higher levels, we will take the Zogi-pass, leading from Kashmir to Dras, which has an elevation of 11,300 feet. I crossed this pass early in August last, and I then found that the whole of the ravine leading up to the pass from the Kashmir side was still filled with snow, which I estimated in places to be at least 150 feet thick. The road at that time was carried over the snow up the middle of the ravine; the true road which runs along one bank of

the ravine being still entirely concealed by snow. It seems to me quite impossible that even half the amount of snow then remaining could be melted during the summer.

"I heard subsequently from a traveller who crossed the pass on the 5th of September, that the road was then just beginning to get clear from snow, and that some of his loads were carried along it, while others were taken over the snow in the ravine.

"In ordinary seasons this road on the Zogi pass is clear from snow, some time during the month of June; if we refer to page 223 of Mr. Drew's "Jummoo and Kashmir Territories," we shall find that in speaking of this pass, he says, "About the beginning of June the snow-bed breaks up, and the ravine is no longer passable."

"It is thus apparent that the road across the Zogi-la was not clear of snow during the past summer until three months later than it is in normal seasons, while the ravine early in September was still filled with snow. I crossed the same pass in August 1874, and at that time there was not the slightest trace of snow to be seen anywhere on the pass, or in the ravine leading up to it. As another instance of the great snowfall, I will take the valley leading from the town of Dras up to the pass separating that place from the valley of the Kishenganga river. About the middle of August, almost the whole of the first mentioned valley, at an elevation of 12,000 feet, was completely choked with snow, which in places was at least 200 feet in thickness. In the same district all passes over 13,000 feet were still deep in snow at the same season of the year. In ordinary seasons the passes in this district, which are not more than 15,000 feet in height, are completely cleared of snow at the beginning of August, except in a few sheltered ravines. During last summer, however, it was quite impossible that the snow could have even melted on the passes.

"Traces of this great snowfall were even to be observed in the outer hills in September, since at the end of that month I saw a patch of snow resting in a hollow of the Haji Pir ridge above Uri, which is only a little over 9,000 feet in height. The Thakadar of this place told me that he had never before seen snow there after the beginning of June.

"It is almost unnecessary to point out, that if a snowfall similar to the above were to be of constant occurrence in the Himalaya, the permanent snow-line would lie at a much lower level than it does at present, and that the glaciers would greatly increase in size, and descend much lower into the valleys.

"In conclusion, it remains to notice the destruction of animal life caused by this unusual snowfall. In the Upper Wardwan valley, I was told by some European travellers that they had several times seen numbers of Ibex embedded in the snow; in one place upwards of sixty heads were counted, and in another the number of carcases was estimated by my informant as little short of one hundred. I myself twice saw some fifteen carcases of small Ibex embedded in the snow-drifts of the Tilail valley.

"The most convincing proof, however, of the havoc caused among the wild animals by the great snowfall, is the fact that scarcely any Ibex were seen during last summer in those portions of the Wardwan and Tilail valleys which are ordinarily considered as sure finds. Near saline springs in the latter valley, Ibex are always to be found in the later summer, but this year I only heard of one solitary buck, probably the sole survivor of a herd, having been seen at these salt-licks. The native shikaris say that almost all the

Ibex have either been killed by the snow, or have migrated into Skardo, where the snowfall was less.

"The Red bear (*Ursus isabellinus*) was also far less numerous during the past summer than in ordinary seasons, and the shikaris say that numbers of them have perished owing to their winter quarters having been snowed up so long that the occupants perished from hunger.

"The same explanation will probably account for the fact that in the higher regions I found many of the marmot burrows deserted.

"Much has been said lately as to the destruction inflicted on the game of the Kashmir Himalaya by the rifle of the European sportsmen, but I think that the destruction caused by the snow of the past winter has far exceeded any slaughter which would be inflicted by sportsmen during a period of at least five or six years."

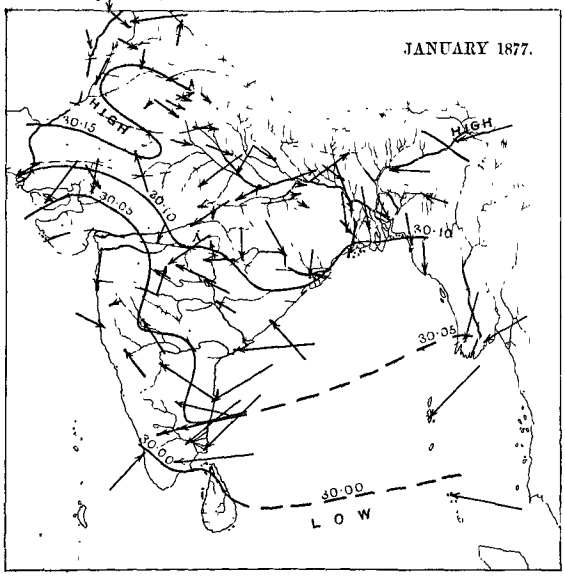
EXPLANATION OF THE PLATES.

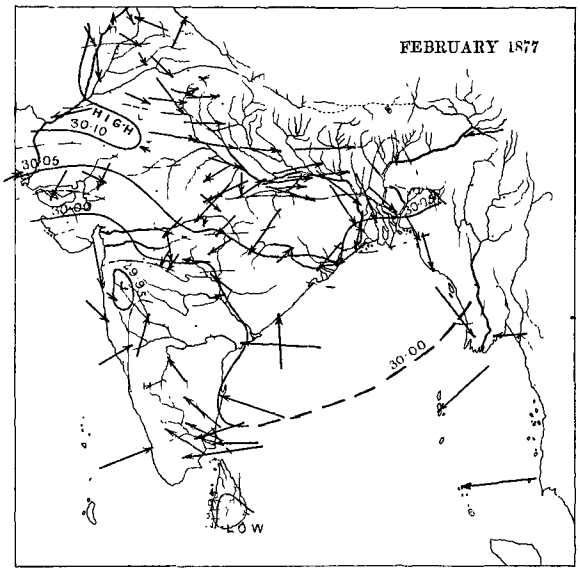
The Charts shew the mean distribution of Temperature and Pressure, and the resultant Wind Directions in India for each month of 1877.

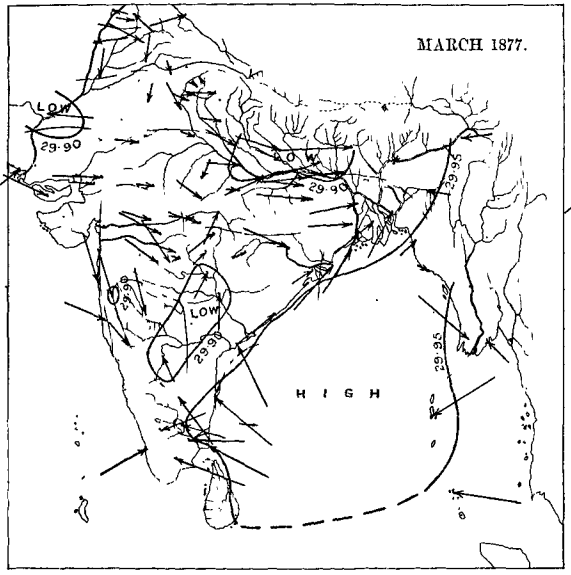
TEMPERATURE.—The data for the temperature are given in Table IV of the Appendix A, being the mean monthly temperatures of Table III (omitting hill stations), increased by 1° Fahrenheit for each 450 feet of elevation. The isotherms (in red) represent increments of 5° Fahrenheit; the figures indicating their respective values are placed on the side of the higher temperature, and the seats of highest and lowest mean temperature are indicated by the words 'high' and 'low' respectively.

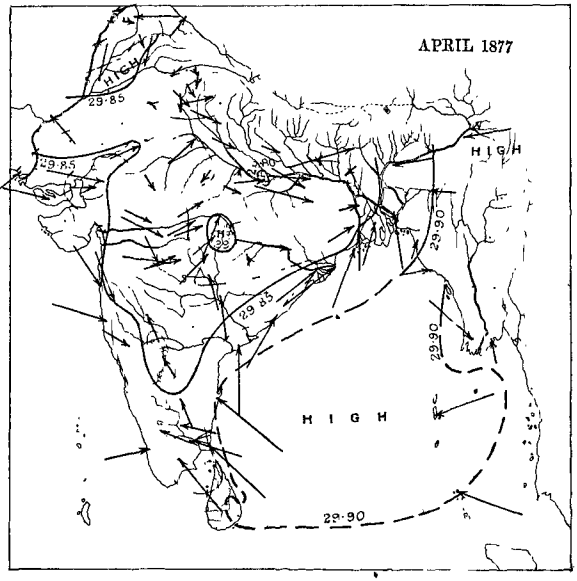
PRESSURE.—The data for pressure are given in Table VI (Appendix A), being the mean monthly pressures of Table V reduced to their sea-level values, by adding the barometric weight of a column of air of the height of each station's elevation, at the temperature which is a mean of that of the station and its sea-level equivalent, as explained above. The isobars (in blue) are given for each twentieth of an inch, and their values are marked by the figures on the side of the higher pressures. The seats of maximum and minimum pressure are indicated by the words 'high' and 'low,' or their initials.

WIND DIRECTIONS.—These are the resultants computed by Lambert's formula from the observations, an equal value being assigned to each. They are given in Table VII of Appendix A. The arrows shew the direction of the resultant; and, by their respective lengths, the percentage of the observations which expresses its value in each case; five-eighths of an inch being equal to 100 per cent.

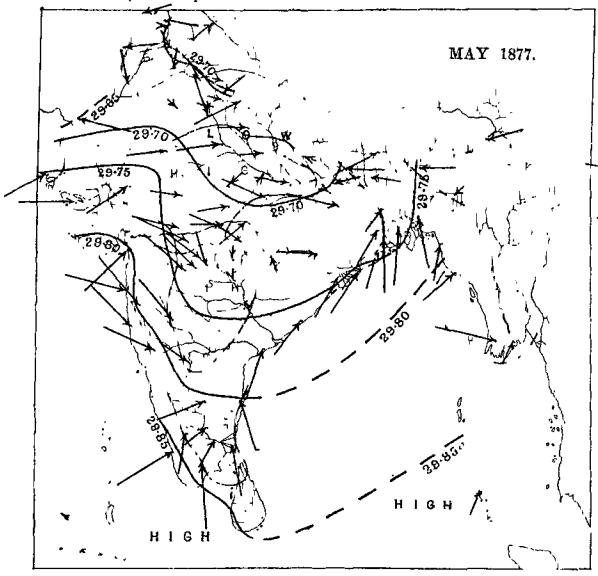

JANUARY 1877.
HIGH
30·15
30·05
30·10
HIGH
30·10
30·05
30·00
30·00
LOW

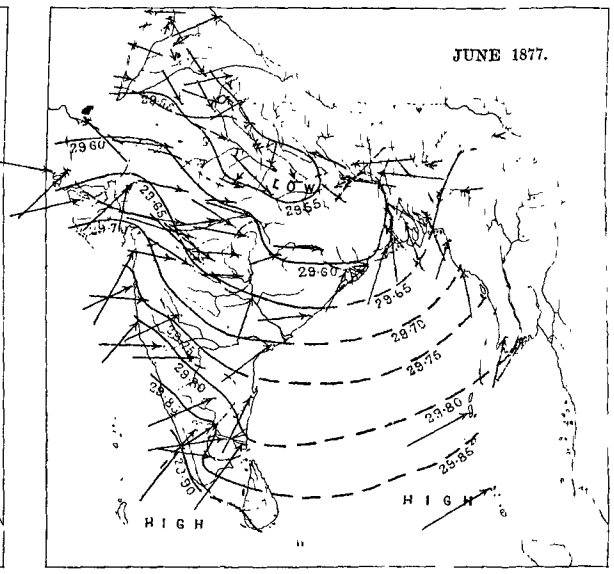

FEBRUARY 1877
HIGH
30·10
30·05
30·00
29·95
30·00
LOW

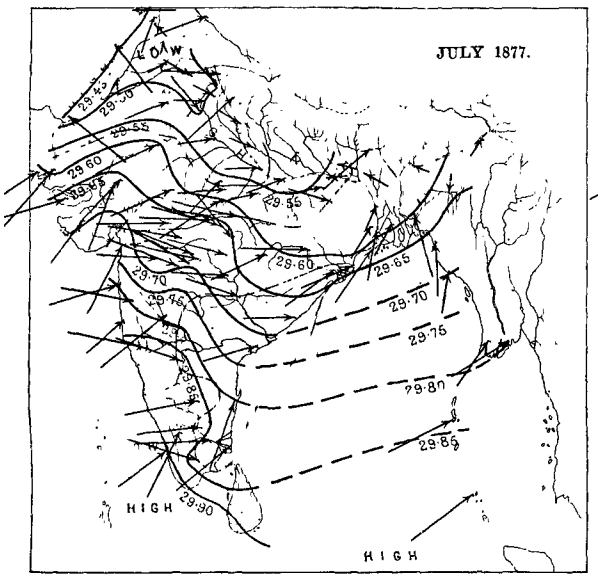

MARCH 1877.
LOW
29·90
LOW
29·90
29·95
LOW
29·90
29·95
HIGH

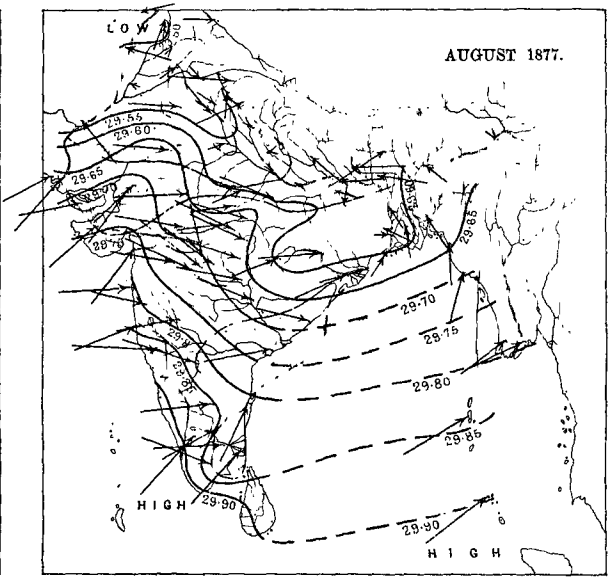

APRIL 1877
HIGH
29·85
29·85
HIGH
29·90
29·85
29·90
HIGH
29·90

[illegible] Surveyor [illegible]

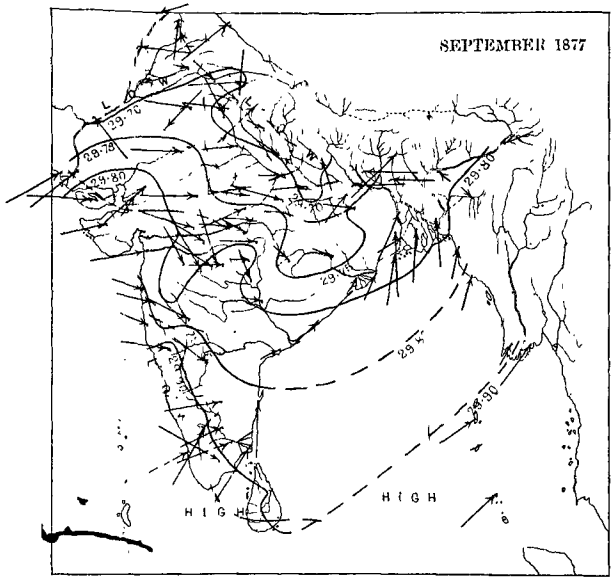


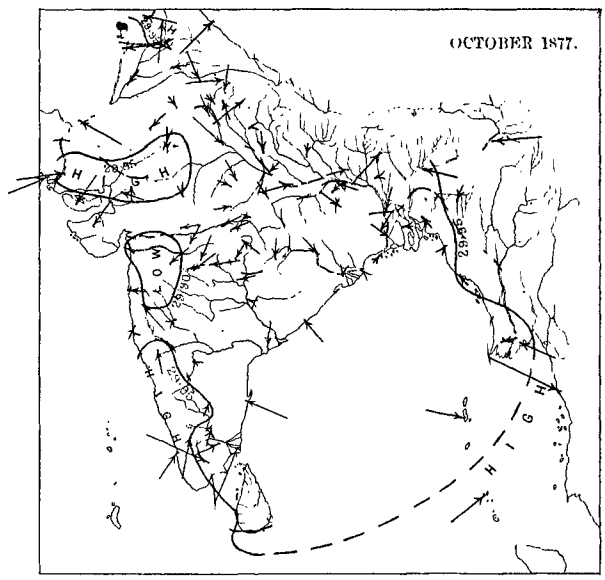


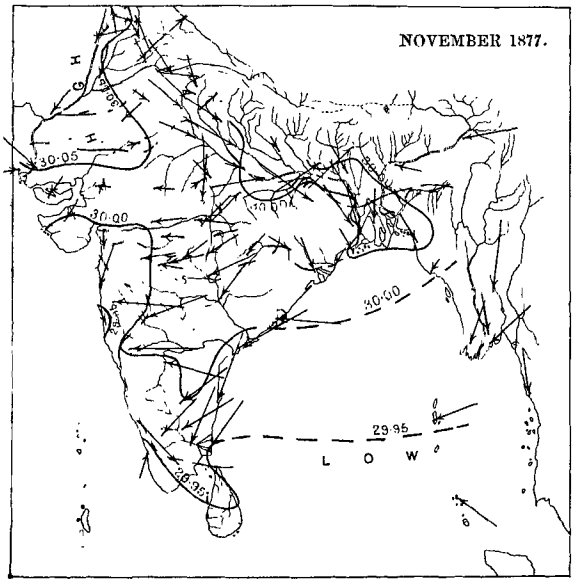


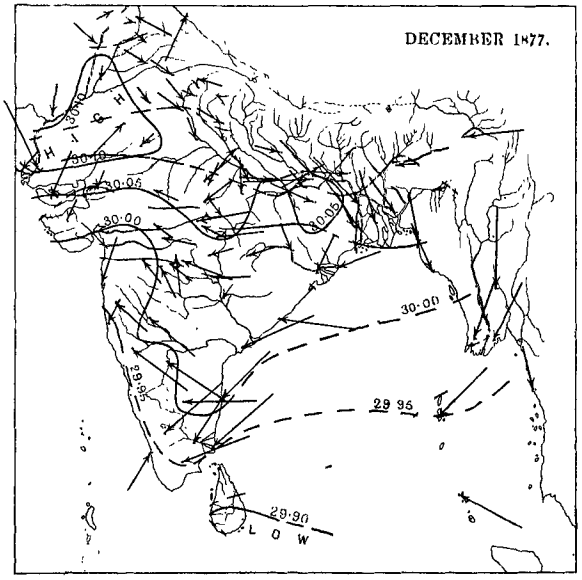


Lith. graphed at the Surveyor General's Office, Calcutta, November 1878.









Lithographed at the Survey & General Office Calcutta January 1878.

APPENDIX A.

Abstract of Meteorological Registers for the year 1877.

TABLE I.—TEMPERATURES OF SOLAR RADIATION (95 STATIONS).

1. BUSHIRE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	132·9	18th, 20th & 22nd.	150·9	4th	87·9	...	...	...
February ...	142·4	28th	159·9	1st	92·9	...	...	...
March ...	156·1	6th, 7th, 8th & 9th.	165·9	27th	145·9	...	...	...
April ...	160·3	30th	172·9	29th	145·9	...	...	...
May ...	163·0	23rd	169·9	1st, 2nd & 3rd.	155·9	...	...	...
June ...	163·4	19th	169·9	2nd	145·9	...	...	...
July ...	164·6	20th, 22nd & 31st.	170·9	25th	116·9	...	...	...
August ...	166·8	30th	175·9	26th	160·9	...	...	...
September ...	163·7	4th	170·9	25th	159·9	...	...	...
October ...	159·0	25th	173·9	20th	153·9	...	...	...
November ...	148·1	6th	160·9	13th	133·9	...	...	...
December ...	135·6	9th	145·9	29th	120·9	...	...	...
Year ...	154·6	...	175·9	...	87·9	...	...	...
Mean of extremes ...	...	...	165·6	...	135·1	...	...	...

* On stand 4 feet high.

2. LEH (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	94·2	14th	119·6	12th	54·6	58·1	82·7	25·2
February ...	103·7	23rd	126·1	7th	58·6	68·0	85·7	27·5
March ...	121·0	16th	134·1	14th	88·6	73·2	86·2	44·7
April ...	129·7	28th	147·6	11th	93·6	70·9	87·7	42·2
May ...	134·3	18th	147·6	6th	84·6	65·4	72·7	32·2
June ...	142·5	26th	157·1	13th	129·6	66·4	72·4	59·7
July ...	146·9	28th	160·1	15th	131·6	65·7	74·2	45·8
August ...	144·7	7th	156·1	19th	132·1	65·3	73·2	58·3
September ...	139·0	9th	146·6	3rd	66·6	67·1	76·0	15·2
October ...	121·5	2nd	138·6	29th	95·6	61·1	74·2	43·2
November ...	101·6	7th	121·6	28th	73·1	51·3	70·2	29·2
December ...	85·5	14th	106·6	28th	46·6	45·7	64·9	14·7
Year ...	122·1	...	160·1	...	46·6	63·2	87·7	14·7
Mean of extremes ...	...	...	138·5	...	87·9	...	76·7	36·5

3. PESHAWUR (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	108·6	9th	129·2	11th	57·2	47·5	68·9	5·2
February ...	119·9	28th	146·3	3rd	54·2	58·0	73·5	1·5
March ...	139·0	27th	148·8	7th	95·3	64·1	73·2	29·6
April ...	136·3	29th	161·3	14th	75·3	57·7	84·1	10·6
May ...	157·1	25th	168·1	11th	113·3	63·7	79·5	33·7
June ...	162·6	28th	171·3	10th	143·3	60·1	73·2	40·8
July ...	163·0	13th	168·7	31st	156·3	57·8	65·8	52·4
August ...	162·6	9th	172·3	20th	153·3	57·7	63·6	52·4
September ...	155·7	7th	163·3	5th	132·8	58·4	71·8	45·2
October ...	142·3	3rd	157·3	4th	133·3	58·6	71·3	36·4
November ...	122·6	2nd	149·3	25th	68·3	49·2	68·2	6·7
December ...	109·2	7th	136·5	9th	57·5	46·9	69·8	0·5
Year ...	139·9	...	172·3	...	52·0	56·5	84·1	0·5
Mean of extremes ...	...	...	156·0	...	103·3	...	71·9	27·0

* On stand 4 feet high.

4. MURREE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Not recorded.							
February ...	Ditto.							
March ...	130·3	17th & 26th	145·7	12th	90·8	72·1	85·0	43·0
April ...	130·2	28th	149·7	13th	65·4	68·7	88·6	17·0
May ...	142·0	2nd	154·1	11th	82·6	69·4	86·8	18·4
June ...	149·8	16th	163·0	3rd	129·6	68·1	85·4	56·8
July ...	152·8	24th	168·8	4th	143·4	69·5	82·6	62·4
August ...	152·9	17th	166·5	29th	144·8	67·3	78·0	60·8
September ...	146·7	15th	155·0	7th	120·6	68·7	77·8	49·6
October ...	129·3	5th	151·6	29th	86·2	63·8	78·2	33·5
November ...	113·5	7th	146·6	23rd	53·8	56·5	90·0	1·2
December ...	100·5	13th	136·0	10th	50·4	53·3	91·7	4·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

5. RAWALPINDI (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	108·0	29th	134·6	11th	56·6	46·1	74·5	0·3
February ...	110·5	26th	138·0	3rd	48·6	50·6	68·2	0·6
March ...	140·1	18th	156·1	12th	103·8	65·0	83·8	34·8
April ...	141·8	26th	163·7	14th	86·5	62·5	78·4	23·2
May ...	155·0	25th	165·6	11th	116·6	63·9	80·6	44·4
June ...	161·0	24th	171·6	30th	145·1	58·9	67·6	52·6
July ...	161·1	24th	171·6	31st	150·6	58·2	68·6	48·4
August ...	161·3	10th & 17th	166·6	19th	151·6	58·0	68·6	49·8
September ...	157·4	5th	168·6	7th	139·1	57·6	68·8	40·1
October ...	136·6	4th	159·1	28th	89·6	52·2	62·7	19·6
November ...	119·9	2nd	145·6	17th	70·4	48·4	66·1	3·5
December ...	100·8	2nd	135·8	10th	51·6	41·5	70·2	0·4
Year ...	137·8	...	171·6	...	48·6	55·2	83·8	0·3
Mean of extremes...	...	...	156·7	...	100·8	...	71·5	26·5

6. SEALKOT (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	92·3	30th	111·5	11th	70·0	32·4	50·2	0·1
February ...	106·2	28th	124·5	4th	65·5	39·4	51·3	5·1
March ...	127·7	31st	140·0	12th	84·5	49·6	62·3	17·8
April ...	136·5	26th & 29th	145·5	14th	124·7	51·9	59·8	47·9
May ...	145·4	26th	158·1	6th	88·0	50·3	65·8	11·3
June ...	152·7	24th to 26th	160·5	3rd	131·5	49·3	55·5	42·6
July ...	152·4	6th	159·3	31st	129·9	50·3	61·3	45·8
August ...	151·6	10th	160·3	1st	140·5	46·2	54·8	33·4
September ...	147·3	8th	152·5	3rd	135·5	48·1	59·1	33·0
October ...	134·8	1st	147·9	29th	109·1	47·1	59·3	40·7
November ...	117·5	4th	137·9	24th	80·0	38·1	51·7	6·3
December ...	95·5	3rd	109·5	28th	63·5	32·1	44·3	5·2
Year ...	130·0	...	160·5	...	63·5	44·6	65·8	0·1
Mean of extremes...	...	...	142·3	...	101·5	...	56·3	24·2

* On stand 4 feet high.

7. LAHORE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	111·3	1st	132·4	16th	59·4	46·2	63·8	5·8
February ...	117·2	28th	135·4	3rd	49·4	51·3	61·7	0·0
March ...	133·0	24th	144·9	12th	77·9	53·7	62·6	11·3
April ...	143·5	22nd	159·2	14th	129·7	56·6	69·8	47·0
May ...	150·6	26th	167·6	6th	99·4	52·9	61·5	29·2
June ...	158·9	16th	166·9	2nd	140·7	51·1†	61·3	46·4
July ...	156·3	13th	164·4	31st	112·4	50·7	57·9	20·3
August ...	156·4	9th	168·4	20th	109·4	49·6	60·2	18·9
September ...	153·2	10th	162·1	3rd	122·4	51·8	61·6	33·1
October ...	143·1	2nd	159·2	29th	96·7	52·1	58·4	21·0
November ...	132·4	5th	143·4	24th	106·4	50·5	57·2	33·7
December ...	113·2	15th	131·4	28th	62·4	48·0	68·6	2·7
Year ...	139·1	...	167·6	...	49·4	51·2	69·8	0·0
Mean of extremes...	...	...	152·8	...	97·2	...	62·1	22·5

† Mean of 21 days.

8. LUDHIANA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	121·2	1st & 29th	140·2	16th	60·2	?	?	?
February ...	123·9	28th	140·4	3rd	53·2	57·9	78·5	1·5
March ...	144·7	21st	158·2	14th	80·2	64·3	78·0	5·5
April ...	150·3	27th & 29th	162·2	2nd	109·2	61·6	71·5	30·0
May ...	158·0	25th	168·2	7th	126·2	59·7	70·0	46·4
June ...	163·2	27th & 28th	172·2	2nd	126·7	58·0	62·9	31·4
July ...	159·2	11th & 13th	168·2	3rd	145·2	57·1	65·9	46·4
August ...	159·4	9th	167·2	19th	147·2	56·0	60·4	47·4
September ...	149·8	1st	168·2	2nd	103·2	52·3	67·4	11·4
October ...	140·0	1st	152·2	6th	130·2	51·5	61·0	48·5
November ...	130·6	6th	142·2	24th	101·2	48·8	55·0	30·0
December ...	108·4	14th	122·2	28th	66·2	43·3	59·0	2·5
Year ...	142·4	...	172·2	...	53·2	...	...	...
Mean of extremes...	...	...	155·1	...	104·1	...	...	...

* On stand 4 feet high.

9. DELHI (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	121·2	7th & 30th	134·2	28th	77·2	53·4	62·1	15·5
February ...	126·9	28th	142·2	6th	98·0	56·9	65·5	35·5
March ...	143·2	9th	152·0	27th	106·2	59·1	66·4	28·5
April ...	154·4	27th	164·7	2nd	142·2	61·3	72·0	56·5
May ...	158·8	23rd	167·8	7th	132·2	58·0	65·6	52·6
June ...	159·3	17th	167·7	2nd	118·2	53·8	62·6	36·3
July ...	155·9	25th	165·7	13th	131·2	53·4	63·6	36·6
August ...	159·7	13th	166·2	21st	150·0	54·5	60·8	49·8
September ...	156·5	8th	164·4	1st	147·2	53·8	61·2	49·6
October ...	141·7	4th	165·7	8th	87·2	52·0	64·5	15·0
November ...	139·8	19th	145·0	29th	132·2	53·4	61·0	46·8
December ...	121·0	5th	133·8	18th	74·8	51·9	57·0	15·0
Year ...	144·9	...	167·8	...	74·8	55·1	72·0	15·0
Mean of extremes...	...	...	155·8	...	116·4	...	63·5	36·5

* On stand 4 feet high.

10. SIRSA (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	122·4	29th	141·9	15th	74·7	54·4	72·3	18·8
February ...	132·7	28th	146·9	1st	99·4	62·7	73·7	39·9
March ...	148·1	8th	165·1	14th	103·5	63·1	73·2	37·9
April ...	156·1	26th	169·1	2nd	139·9	63·5	71·7	56·2
May ...	163·6	22nd	178·1	7th	149·6	61·9	71 6	56·7
June ...	163·2	24th	179·1	2nd	130·1	56·8	66·7	48·7
July ...	161·5	13th	173·6	3rd	142·6	57·8	65·3	52·7
August ...	165·3	5th	173·3	21st	153·6	58·0	62·9	52·2
September ...	161·8	6th	169·5	13th	154·6	60·2	70·9	55·2
October ...	153·7	4th	168·1	7th	121·1	60·2	77·2	41·7
November ...	144·0	6th	156·1	28th	131·6	56·5	67·1	50·6
December ...	126·7	19th	142·0	28th	96·9	58·1	75·7	31·7
Year ...	149·9	...	179·1	...	76·3	59·4	77·2	20·4
Mean of extremes...	...	...	163·6	...	124·8	...	70·7	45·2

* On stand 4 feet high.

11. DERA ISMAIL KHAN (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	110·2	2nd	124·6	15th	69·6	44·3	56·0	16·0
February ...	123·6	26th & 27th	148·7	6th	59·7	56·3	73·0	10·2
March ...	148·3	23rd	160·7	15th	140·7	66·5	75·0	61·0
April ...	150·9	5th, 24th, 25th & 29th	162·7	17th	118·7	66·7	84·0	49·0
May ...	160·0	28th	169·7	7th & 8th	150·7	63·6	80·0	57·2
June ...	163·3	24th	170·7	3rd	154·7	58·8	64·2	55·2
July ...	161·6	12th	169·7	4th	152·7	57·2	63·1	50·2
August ...	163·1	16th & 17th	168·7	20th	152·7	56·9	59·2	53·2
September ...	150·8	6th	166·7	7th	120·7	58·8	72·1	31·1
October ...	147·9	1st	160·7	16th	136·7	58·0	69·1	48·1
November ...	134·6	14th	151·7	23rd	92·7	57·1	69·0	31·1
December ...	115·6	7th	131·7	27th	70·7	51·2	65·1	15·1
Year ...	145·0	...	170·7	...	59·7	58·0	84·0	10·2
Mean of extremes...	...	...	157·2	...	119·2	...	69·2	39·8

* On stand 4 feet high.

12. MOOLTAN (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	119·2	6th	133·8	15th	67·8	49·5	58·9	13·9
February ...	124·8	26th	147·8	6th	67·8	51·8	67·9	15·9
March ...	142·4	27th	156·8	12th	130·8	57·6	74·9	44·9
April ...	146·5	27th	163·8	24th	132·3	57·8	74·5	46·9
May ...	154·4	3rd, 22nd & 29th.	162·8	11th	137·8	54·7	65·9	44·9
June ...	156·9	5th & 28th	163·8	3rd	140·8	45·3	52·9	39·9
July ...	153·9	15th	160·8	1st	145·8	50·5	57·9	44·9
August ...	149·9	30th	155·8	11th	141·8	46·4	50·9	37·9
September ...	146·6	5th	155·8	8th	130·8	49·5	54·9	38·9
October ...	140·1	1st & 5th	149·8	20th, 21st & 28th.	134·8	52·6	59·9	48·9
November ...	134·8	3rd	152·8	9th	129·8	56·4	67·9	48·9
December ...	121·2	3rd & 30th	134·8	11th	81·8	52·2	61·9	28·9
Year ...	140·9	...	168·8	...	67·8	52·3	74·9	13·9
Mean of extremes...	...	...	153·6	...	120·2	...	62·4	37·9

* On stand 4 feet high.

13. AJMERE (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	129·7	30th	140·8	14th	82·3	54·6	65·9	22·8
February ...	138·1	26th & 28th	148·3	3rd	126·3	60·3	64·0	55·7
March ...	151·0	29th & 30th	165·3	27th	125·5	60·1	71·6	42·2
April ...	157·9	15th & 23rd	165·3	2nd	133·3	61·6	66·1	44·0
May ...	158·5	15th	168·5	6th	126·3	56·6	66·1	32·6
June ...	162·7	13th	179·3	29th	139·3	52·7	66·1	30·1
July ...	150·0	12th	159·8	16th	114·6	47·4	61·3	7·9
August ...	154·1	31st	166·5	10th	133·4	53·2	60·8	38·7
September ...	159·3	21st	174·5	1st	114·5	59·3	72·2	25·2
October ...	145·5	3rd	161·4	6th	78·8	52·1	63·4	2·5
November ...	141·5	3rd, 5th & 6th.	148·3	28th	130·3	52·8	58·0	48·2
December ...	127·7	28th	139·3	10th	118·5	51·0	62·0	44·0
Year ...	148·0	...	179·3	...	78·8	55·1	72·2	2·5
Mean of extremes...	...	...	159·8	...	118·6	...	64·8	32·8

14. CHAKRATA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Not self-registering.							
February ...	115·0	5th	146·5	3rd	48·5	67·8	106·1	11·7
March ...	119·8	28th	137·5	27th	63·5	59·2	77·0	6·5
April ...	120·3	13th	143·5	13th	64·5	55·4	78·5	5·5
May ...	Not recorded.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	Ditto.							
December ...	Ditto.							
Year ...	Ditto.							
Mean of extremes...	Ditto.							

* On stand 4 feet high from 4th February.

15. DEHRA (*uncorrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	111·1	28th	123·3	17th	69·9	45·8	57·5	15·6
February ...	115·6	28th	131·4	4th	60·4	50·9	62·4	7·3
March ...	130·7	11th	140·0	16th	110·1	55·5	63·3	35·5
April ...	136·9	17th	157·0	14th	92·8	55·5	71·3	18·6
May ...	147·8	28th	156·7	8th	104·2	57·5	64·6	30·1
June ...	147·4	18th	157·0	3rd	111·0	52·8	67·8	27·5
July ...	145·3	17th	160·0	2nd	102·8	54·7	70·0	22·4
August ...	146·7	13th	154·0	8th	137·7	56·4	65·3	47·0
September ...	147·3	3rd	157·5	2nd	135·3	57·7	69·3	49·1
October ...	138·5	20th	152·1	8th	92·2	55·7	66·4	20·4
November ...	134·4	7th	144·1	25th	113·0	54·8	60·0	42·5
December ...	117·4	18th	132·5	30th	82·5	49·3	62·6	21·0
Year ...	134·9	...	160·0	...	60·4	53·9	71·3	7·3
Mean of extremes...	...	...	147·1	...	101·0	...	65·0	28·1

16. ROORKEE (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	119·5	25th	136·0	12th	69·0	51·6	66·2	15·6
February ...	119·7	28th	136·4	4th	63·5	52·8	72·7	11·7
March ...	135·8	11th	148·0	27th	114·0	55·9	62·7	39·2
April ...	146·6	27th	158·5	12th	119·0	57·6	69·3	39·8
May ...	154·1	27th	164·0	7th	133·0	56·1	63·4	48·7
June ...	156·1	6th	165·5	2nd	108·5	53·6	65·2	30·3
July ...	152·1	27th	163·5	1st	126·0	54·0	62·8	38·3
August ...	156·2	28th	166·5	1st	149·0	56·9	67·3	47·8
September ...	157·0	4th	162·5	1st	148·0	56·3	64·5	53·3
October ...	140·9	1st	156·5	8th	87·0	51·9	60·1	12·6
November ...	138·7	5th	147·5	24th & 25th	125·5	54·5	58·8	42·8
December ...	117·0	5th	135·5	18th	76·5	40·2	60·6	15·1
Year ...	141·1	...	166·5	...	63·5	54·2	72·7	11·7
Mean of extremes...	...	...	153·4	...	109·9	...	64·5	32·9

17. RANIKHET (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January *a* ...	123·3	1st	142·9	11th	67·9	70·6	86·6	21·6
February *b* ...	125·4	27th	140·4	1st	106·9	72·4	80·6	61·1
March ...	126·7	3rd	140·9	21st	100·9	67·3	80·1	47·6
April *c* ...	128·7	29th	141·9	13th	89·4	62·3	74·7	32·1
May ...	134·3	22nd	146·9	7th	101·9	60·1	66·9	44·1
June ...	135·7	22nd	146·4	28th	115·4	57·9	70·3	46·8
July ...	134·1	9th	149·9	2nd	100·9	58·6	71·4	35·4
August ...	136·5	14th	145·9	25th	103·4	60·9	71·8	32·8
September ...	139·7	21st	147·9	1st	125·9	64·0	72·4	53·3
October ...	123·9	12th	138·9	6th	85·4	57·0	70·3	25·7
November ...	124·5	4th	132·4	25th	80·9	59·3	64·7	26·1
December ...	113·7	26th	127·9	30th	65·9	56·2	66·1	21·6
Year ...	128·9	...	149·9	...	65·9	62·2	86·6	21·6
Mean of extremes ...	...	...	141·9	...	95·4	...	73·0	37·4

* On stand 4 feet high from April.
a Mean of 25 days. *b* Mean of 22 days. *c* Mean of 27 days.

18. MEERUT (*corrected*).*

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
123·0	30th	131·5	28th	104·5	54·9	62·2	43·1
117·2	27th & 28th	140·5	6th	60·5	49·4	63·1	7·1
137·6	9th	150·5	21st	87·5	55·2	64·7	12·2
150·2	22nd, 23rd & 29th.	160·5	2nd	109·5	59·2	68·2	28·7
161·4	24th	170·5	7th	138·5	62·0	69·1	50·6
165·3	17th	173·5	2nd	103·5	60·9	70·1	18·2
160·0	26th	171·9	13th	128·5	60·2	71·5	38·5
161·7	4th	170·1	20th	153·5	58·1	66·1	47·8
158·4	10th	170·0	30th	149·9	57·1	68·3	47·2
142·9	1st	159·1	8th	91·5	54·3	67·1	17·7
139·5	4th	144·9	25th	128·5	54·5	62·2	47·5
124·6	24th	133·5	18th	85·5	55·7	63·6	24·7
145·1	...	173·5	...	60·5	56·8	71·5	7·1
...	...	156·4	...	111·8	...	66·3	31·9

* On stand 4 feet high from June.

19. BAREILLY (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Observations rejected.							
February ...	119·8	26th	137·0	4th	65·6	50·3	65·7	5·5
March *a* ...	131·2	17th	147·0	30th	92·9	47·4	70·7	3·6
April ...	143·5	27th	159·1	13th	93·9	49·9	66·4	3·8
May ...	162·1	22nd	171·7	7th	145·9	60·3	70·6	55·7
June ...	158·1	17th	173·9	28th	112·3	54·9	65·5	12·1
July ...	145·8	28th	162·9	1st	93·9	48·0	64·7	14·7
August ...	Not recorded.							
September ...	Ditto.							
October ...	137·1	1st & 2nd	157·6	7th	82·6	48·6	61·5	3·3
November ...	Observations doubtful.							
December *b* ...	108·5	1st	125·6	18th	70·6	38·1	52·3	5·3
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

20. AGRA (*corrected*).

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
129·5	26th	144·9	14th	99·9	58·7	71·6	41·1
136·6	28th	150·4	1st	122·9	63·0	70·1	56·1
149·7	30th	159·4	25th	97·9	60·9	68·6	18·1
161·9	23rd	176·4	1st	153·4	65·8	75·2	61·2
165·2	3rd	174·4	8th	150·9	62·1	71·2	53·2
166·0	15th & 17th	173·4	18th	147·9	59·1	72·7	42·2
158·9	17th	172·4	1st	121·4	57·7	75·7	24·7
165·2	29th & 30th	172·9	22nd	154·9	60·5	68·7	53·2
165·1	25th	173·9	19th	145·9	62·0	71·7	45·7
150·8	2nd	169·9	6th & 7th	86·9	59·6	70·6	9·1
148·5	21st	153·4	28th	136·4	60·9	68·1	56·6
126·8	5th	139·9	18th	72·9	55·9	63·6	13·1
152·0	...	176·4	...	72·9	60·5	75·7	9·1
...	...	163·4	...	124·3	...	70·6	39·5

a Mean of 21 days. *b* Mean of 28 days.

21. LUCKNOW (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	128·4	31st	142·2	12th	87·8	56·0	68·0	43·3
February ...	134·1	23rd	144·5	7th	89·7	61·2	74·0	29·9
March ...	149·3	30th	156·5	11th	141·5	61·3	70·3	53·8
April ...	157·0	27th	169·0	1st	142·0	61·6	67·7	54·2
May ...	163·3	18th	172·5	2nd	156·5	60·2	72·5	53·5
June ...	163·2	30th	170·7	5th	152·5	58·1	74·2	50·7
July ...	158·9	18th & 30th	170·6	2nd	124·7	59·3	73·2	39·0
August ...	162·2	27th	169·5	31st	145·5	60·8	75·8	52·7
September ...	162·7	9th & 26th	170·5	11th	154·5	59·9	70·7	53·7
October ...	147·3	1st & 4th	162·5	7th	99·5	57·0	71·3	25·6
November ...	145·3	23rd	150·5	29th & 30th	137·5	57·6	62·8	52·7
December ...	129·6	8th	142·0	7th	85·5	56·9	70·2	19·0
Year ...	150·1	...	172·5	...	85·5	59·2	75·8	19·0
Mean of extremes...	...	...	160·1	...	126·4	...	70·9	44·0

* On stand 4 feet high.

22. GORAKHPUR (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	125·0	30th	135·3	11th	66·3	...	...	...
February ...	129·6	26th & 28th	142·3	7th	81·3	...	...	...
March ...	146·2	24th	158·3	26th	133·3	...	...	...
April ...	154·1	30th	162·3	3rd	140·3	...	...	...
May ...	159·8	17th	170·3	8th	143·3	...	...	...
June ...	157·9	22nd	168·3	1st	138·3	55·9†	64·9	35·9
July ...	150·1	17th	164·9	19th	104·3	52·1	64·5	7·9
August ...	150·9	29th	163·9	31st	119·3	56·4	67·3	31·9
September ...	156·6	23rd	163·7	14th	149·7	58·2	65·3	49·9
October ...	145·0	4th	159·3	7th	92·3	55·0	67·7	5·9
November ...	143·0	2nd	148·1	30th	136·9	56·2	63·2	53·4
December ...	126·1	5th & 7th	138·1	20th	81·1	52·3	64·3	12·3
Year ...	145·4	...	170·3	...	66·3	...	...	...
Mean of extremes...	...	...	156·2	...	115·5	...	...	...

† Mean of 23 days.

23. JHANSI (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	124·1	1st	136·7	29th	86·9	50·5	56·0	13·2
February ...	130·4	28th	142·5	1st	117·7	54·7	57·4	49·0
March ...	145·7	9th	153·7	13th	125·9	56·5	65·1	39·5
April ...	156·1	23rd	160·3	25th	149·1	63·3	67·7	57·0
May ...	160·0	24th	172·7	7th	139·1	55·7	65·0	40·9
June ...	162·9	22nd	169·3	28th	129·5	55·8	62·0	37·4
July ...	156·6	12th	162·1	15th	145·7	55·8	64·1	49·6
August ...	150·9	26th	162·7	3rd	115·9	50·0	59·0	27·8
September ...	153·7	30th	166·9	1st	124·1	54·1	61·5	37·8
October ...	151·5	4th	164·1	7th	103·1	58·7	69·9	22·5
November ...	148·1	6th	149·1	30th	133·9	54·3	58·1	50·6
December ...	126·9	24th	138·1	7th	87·5	52·4	57·7	18·1
Year ...	146·8	...	172·7	...	86·9	55·2	69·9	13·2
Mean of extremes...	...	...	156·5	...	121·5	...	62·0	36·9

* On stand 4 feet high from 17th May.

24. NOWGONG (BUNDELKHAND) (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...
May ...	...	...	...	...	...	...	...	...
June ...	154·1*a*	11th	159·9	30th	138·7	49·5*a*	70·5	41·4
July ...	144·4*b*	28th	156·9	3rd	133·4	49·4*b*	61·0	42·5
August ...	146·0	1st	156·2	9th	123·9	...	...	...
September ...	147·3	22nd	155·9	1st	136·7	...	...	...
October ...	143·9	1st	156·9	6th	126·9	...	...	...
November ...	134·5	5th	144·7	30th	127·4	...	...	...
December ...	124·2*c*	24th	138·2	18th	106·9	47·3*d*	54·1	28·5
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On stand 4 feet high.
a Mean of 25 days. *d* Mean of 29 days.
b Mean of 30 days. *c* Mean of 30 days.

25. SUTNA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	131·3	21st	142·8	12th	105·9	60·2	71·6	44·1
February ...	134·3	26th	147·9	7th	80·2	61·3	70·3	22·3
March ...	†148·3	6th	159·7	2nd	137·8	61·7	75·2	55·6
April ...	154·9	29th	160·8	1st	147·4	60·8	70·3	49·2
May ...	159·0	24th	167·8	1st	148·4	57·6	65·4	50·5
June ...	158·8	1st	167·2	27th	129·8	54·8	62·8	41·5
July ...	151·8	25th	171·1	18th	119·8	57·2	74·3	30·1
August ...	147·8	1st	158·8	31st	109·4	55·3	66·4	30·2
September ...	149·7	24th	162·0	9th	128·4	55·6	66·5	44·3
October ...	143·8	4th	153·9	7th	133·0	54·7	61·1	47·6
November ...	138·3	18th	141·6	30th	130·8	51·0	53·4	47·5
December ...	128·3	5th	142·3	10th	98·4	51·9	65·8	27·8
Year ...	145·5	...	171·1	...	80·2	56·8	75·2	22·3
Mean of extremes..	...	...	156·3	...	122·4	...	66·9	40·9

† Mean of 25 days.

26. ALLAHABAD (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	127·8	24th	138·6	12th	89·3	56·6	67·7	24·7
February ...	133·0	28th	147·0	7th	85·0	60·5	65·8	27·2
March ...	149·6	26th	156·1	2nd	136·9	60·5	66·9	55·1
April ...	155·7	30th	165·4	7th	141·8	58·4	64·1	45·2
May ...	162·3	19th	172·4	20th	135·8	57·3	72·6	43·5
June ...	162·0	17th	167·4	27th	149·1	56·1	69·9	51·1
July ...	158·9	26th	171·8	11th	143·6	59·3	67·2	50·6
August ...	158·7	25th	169·0	9th	137·8	58·9	69·6	47·0
September ...	157·3	26th	165·6	9th	133·6	58·4	69·2	43·9
October ...	148·5	1st & 5th	162·8	7th	117·4	58·1	68·3	37·2
November ...	146·5	9th	152·0	30th	140·0	58·2	63·6	56·1
December ...	133·3	9th	145·8	7th	95·6	58·8	67·0	25·8
Year ...	149·5	...	172·4	...	85·0	58·4	72·6	24·7
Mean of extremes..	...	...	159·5	...	125·5	...	67·7	42·3

* On stand 4 feet high.

27. BENARES (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	132·0	28th	142·8	12th	79·3	59·1	73·5	16·0
February ...	Incomplete.							
March ...	150·6	27th	159·8	15th	121·8	60·4	69·8	36·3
April ...	158·7	29th	170·8	24th	142·3	61·5	71·3	42·8
May ...	165·8	17th	177·8	20th	116·8	62·3	72·3	32·3
June ...	168·7	27th	174·8	28th	162·8	63·4	77·8	56·8
July ...	156·6	30th	171·0	19th	117·3	59·9	75·3	31·3
August ...	157·5	27th	170·9	9th	110·6	61·7	76·8	25·7
September ...	158·8	4th	168·6	9th	141·1	60·0	71·4	50·3
October ...	*154·0	5th	169·4	9th	110·0	†62·3	73·0	30·0
November ...	148·7	2nd	153·9	30th	140·6	59·6	63·2	55·6
December ...	135·0	9th	152·8	8th	99·2	58·4	75·7	23·8
Year ...	...	...	...	...	...	...	...	...
Mean of extremes..	...	...	...	...	...	...	...	...

* Mean of 29 days.

28. SIBSAGAR (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	123·1	22nd	137·4	13th	79·3	51·7	63·3	17·5
February ...	126·4	9th	141·5	8th	72·1	53·7	69·9	12·1
March ...	130·0	24th	141·2	21st	87·4	51·4	62·4	22·7
April ...	142·2	23rd & 25th	150·1	14th	118·3	60·3	69·9	42·7
May ...	139·6	31st	154·0	18th	103·1	55·4	72·0	27·2
June ...	149·2	25th	161·8	1st	108·1	57·6	70·6	25·7
July ...	149·5	23rd	161·8	29th	99·6	58·6	72·1	19·6
August ...	152·3	16th	165·6	18th	105·6	59·5	78·3	22·2
September ...	146·2	6th	161·3	8th	115·1	58·5	70·9	27·9
October ...	145·2	19th	158·1	9th	105·9	60·7	75·7	31·3
November ...	135·1	8th	153·9	28th	82·8	55·9	71·8	15·3
December ...	127·9	12th	137·4	11th	91·3	56·2	66·2	22·8
Year ...	138·9	...	165·6	...	72·1	56·6	78·3	12·1
Mean of extremes..	...	...	152·0	...	97·4	...	70·3	23·9

† Mean of 28 days.

29. GOALPARA (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	122·3	15th	133·3	13th	66·4	48·9	63·4	7·8
February ...	126·9	23rd	143·3	4th	77·4	52·1	63·2	16·8
March ...	137·2	30th	148·5	31st	86·6	53·5	62·1	17·2
April ...	144·9	25th	153·2	7th	134·4	59·9	69·7	54·7
May ...	139·7	11th	154·0	18th	107·7	56·8	69·1	27·9
June ...	153·0	21st	158·2	10th	144·5	63·1	67·9	58·0
July ...	143·0	13th	162·2	18th	96·9	55·1	75·1	15·2
August ...	153·2	23rd	169·3	17th	122·5	62·6	80·3	38·1
September ...	135·4	16th	159·5	5th	80·6	50·2	73·5	3·5
October ...	139·6	6th	151·7	10th	95·2	55·2	71·5	18·2
November ...	135·4	8th & 12th	142·8	1st	105·8	53·3	60·7	25·7
December ...	123·3	21st	130·5	31st	89·4	48·4	55·8	20·9
Year ...	137·8	...	169·3	...	66·4	54·9	80·3	3·5
Mean of extremes ...	...	...	150·5	...	100·6	...	67·7	25·3

30. DARJEELING (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	102·5	6th	110·8	13th	70·8	52·5	58·7	31·8
February ...	102·6	24th	132·1	16th	62·1	55·6	78·9	23·0
March ...	117·9	12th	133·1	16th	84·1	58·5	70·0	37·0
April ...	122·1	14th	146·1	3rd	78·1	60·3	81·1	26·0
May ...	127·0	30th	143·1	21st	75·1	60·3	78·0	16·0
June ...	131·6	15th	147·1	29th	116·1	61·3	77·1	45·2
July ...	120·0	12th	143·1	23rd	98·3	50·7	72·8	29·2
August ...	130·2	29th	147·2	30th	103·9	59·2	73·2	37·0
September ...	119·9	3rd	144·2	9th	82·7	52·6	72·4	20·0
October ...	127·7	11th	146·1	31st	103·9	61·9	78·2	42·5
November ...	122·1	25th	133·9	16th	102·3	59·1	71·0	43·0
December ...	109·6	3rd	126·3	20th	83·1	56·5	70·0	39·7
Year ...	119·4	...	147·2	...	62·1	57·4	81·1	16·0
Mean of extremes ...	...	...	137·8	...	88·8	...	73·4	32·5

31. PURNEAH (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	129·7	15th	142·2	13th	72·7	54·7	70·5	4·2
February ...	136·8	26th	147·2	7th	121·7	61·8	68·3	54·3
March ...	*149·6	27th	157·7	15th	110·7	†59·4	68·1	30·1
April ...	150·1	27th & 29th	157·7	7th	120·7	56·7	67·4	41·1
May ...	150·5	13th	158·2	21st	123·5	55·5	62·1	43·2
June ...	154·3	10th	162·7	2nd	145·7	59·2	68·1	52·0
July ...	141·2	11th	158·2	23rd	91·4	50·4	63·7	7·4
August ...	149·2	7th & 28th	157·7	17th	105·7	‡56·6	64·8	15·0
September ...	141·5	3rd	158·4	9th	82·7	55·7	66·5	1·0
October ...	148·7	11th	156·7	7th	101·7	60·8	70·1	17·5
November ...	143·0	19th	149·8	29th	129·3	58·7	64·1	49·2
December ...	130·3	29th	138·7	20th	100·7	54·9	65·3	25·2
Year ...	143·7	...	162·7	...	72·7	57·0	70·5	1·0
Mean of extremes ...	...	...	153·8	...	108·9	...	66·6	28·3

* Mean of 27 days. † Mean of 26 days. ‡ Mean of 28 days.

32. DURBHANGA (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	121·2	25th	134·7	13th	86·4	49·2	65·1	24·6
February ...	132·4	26th	146·2	7th	96·7	61·3	68·4	38·9
March ...	143·2	26th	154·2	16th	127·2	59·2	71·0	51·1
April ...	150·3	18th	164·0	7th	124·0	60·3	74·0	51·4
May ...	152·1	4th	164·2	19th	115·4	†59·8	73·6	30·5
June ...	*156·0	24th	165·2	8th	143·2	‡60·7	68·9	45·4
July ...	149·2	18th	165·2	23rd	113·2	*58·7	72·8	28·0
August ...	152·3	13th	162·7	19th	123·0	63·2	75·0	40·5
September ...	150·1	5th	160·7	12th	112·2	§62·1	71·0	30·3
October ...	143·4	9th	156·2	8th	108·2	58·5	73·0	32·6
November ...	138·0	2nd & 3rd	144·7	29th	133·0	55·9	60·6	52·5
December ...	130·0	21st	138·0	8th	109·0	57·8	69·6	40·9
Year ...	143·2	...	165·2	...	86·4	58·9	75·0	24·6
Mean of extremes ...	...	...	154·7	...	116·0	...	70·2	39·1

* Mean of 29 days. † Mean of 30 days. ‡ Mean of 27 days. § Mean of 24 days.

33. PATNA (*corrected*).*

MONTH.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	124·9	30th	134·3	12th	114·5	52·3	62·3	44·7
February ...	129·9	28th	152·0	7th	86·3	56·9	69·6	25·5
March ...	151·8	28th	162·4	15th	132·8	63·1	71·2	53·0
April ...	159·6	29th	170·0	7th	139·8	62·2	70·2	56·8
May ...	159·9	15th	168·4	20th	126·8	59·9	73·4	44·0
June ...	161·0	30th	168·6	8th	152·2	59·6	67·6	52·6
July ...	155·7	30th	167·8	22nd	133·0	61·5	75·2	43·2
August ...	159·9	7th	167·0	30th	136·0	65·6	73·2	50·4
September ...	157·1	12th	166·0	9th	126·8	61·4	74·0	41·0
October ...	146·6	5th	163·8	7th	96·0	56·8	69·0	15·4
November ...	144·5	2nd	151·8	29th	138·0	57·3	63·0	54·6
December ...	135·0	26th	144·0	8th	128·0	59·9	67·4	54·4
Year ...	148·8	...	170·0	...	86·3	59·7	75·2	15·4
Mean of extremes ...	...	...	159·7	...	125·8	...	69·7	44·6

* On stand 4 feet high.

34. GYA (*corrected*).*

MONTH.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	118·2	30th	140·8	20th	94·4	46·6	65·2	27·9
February ...	125·3	28th	135·8	4th	105·0	53·2	66·4	43·0
March ...	140·4	27th	152·2	25th	94·2	50·0	61·1	13·5
April ...	Observations rejected.							
May ...	151·4	16th	164·4	20th	130·4	50·9	67·8	42·6
June ...	152·1	26th	160·4	2nd	143·8	50·1	62·0	43·2
July ...	142·3	7th	161·4	2nd	104·6	47·6	60·6	19·4
August ...	145·2	7th, 26th & 27th.	153·8	8th	122·4	52·6	61·0	31·2
September ...	146·1	6th	163·6	11th	94·6	51·4	69·0	14·8
October ...	137·2	1st	147·4	6th	94·6	47·7	59·3	18·1
November ...	123·4	1st & 3rd	143·4	27th	93·2	35·6	55·5	3·3
December ...	Observations not recorded.							
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

35. HAZARIBAGH (*corrected*).

MONTH.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	128·6	30th	140·4	12th	95·4	57·9	66·9	28·9
February ...	129·4	23rd	142·4	9th	120·4	58·4	68·7	51·8
March ...	143 2	22nd	153·9	15th	90·6	58·5	71·1	20·8
April ...	151·7	30th	163·6	10th	139·9	61·3	75·5	54·9
May ...	152·3	16th	170·4	18th	103·4	58·0	69·9	22·8
June ...	151·5	15th	162·4	26th	140·2	58·0	70·1	51·7
July ...	143·1	11th	158·2	19th	95·4	56·2	73·6	17·0
August ...	144·6	13th	158·4	21st	105·4	59·5	71·6	29·6
September ...	145·2	4th	159·2	11th	93·4	57·8	70·1	17·3
October ...	143·5	3rd	154·2	22nd	107·6	59·6	69·2	28·8
November ...	138·6	1st	150·6	21st	134·4	57·3	71·5	54·3
December ...	129·2	30th	140·2	8th	104·4	55·3	62·4	33·3
Year ...	141·7	...	170·4	...	90·6	58·1	75·5	17·0
Mean of extremes ...	...	...	154·5	...	110·9	...	70·1	34·3

36. BERHAMPORE (*corrected*).

MONTH.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Observations rejected.							
February ...	92·2	3rd	101·4	14th	86·4	15·5	28·8	7·8
March ...	Observations rejected.							
April ...	Ditto.							
May ...	158·1	16th	172·2	18th	136·2	58·9	69·7	42·2
June ...	152·8	1st	166·2	26th	139·8	58·7	68·3	47·5
July ...	143·1	3rd & 4th	158·2	5th	98·2	53·3	67·0	4·5
August ...	145·6	26th	160·2	20th	90·2	56·4	68·0	11·6
September ...	145·6	25th	159·2	12th	105·2	55·3	68·6	25·4
October ...	144·8	7th	154·4	27th	123·9	56·9	64·7	38·8
November ...	137·7	4th	149·2	1st	127·2	52·8	62·6	43·6
December ...	126·5	30th	135·2	8th	86·8	49·2	55·9	19·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

37. BURDWAN (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	133·7	30th	144·8	13th	79·8	56·8	67·6	14·3
February ...	136·1	26th	148·8	4th	69·8	55·4	71·3	11·8
March ...	151·7	27th	158·3	16th	136·8	59·7	67·1	53·9
April ...	153·3	24th & 25th	164·8	3rd	117·3	57·8	70·1	36·0
May ...	153·4	12th	167·3	21st	128·6	54·1	63·4	40·1
June ...	151·0	3rd	161·3	22nd	114·8	56·8	68·2	22·1
July ...	144·6	3rd	160·8	5th	105·8	53·6	71·6	21·3
August ...	146·1	28th	161·8	19th	90·8	56·4	69·8	10·3
September ...	148·3	24th	159·8	12th	120·8	57·2	67·8	38·3
October ...	151·2	4th	158·8	25th	142·8	62·0	69·3	55·4
November ...	145·9	6th	156·8	7th	141·8	58·8	69·3	53·3
December ...	136·8*	21st	154·6	8th	93·6	58·4*	78·6	22·2*
Year ...	146·0	...	167·3	...	69·8	57·2	78·6	10·3
Mean of extremes ...	...	...	158·2	...	111·9	...	69·5	31·6

* Mean of 22 days.

38. JESSORE (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	134·1	24th	140·5	13th	121·3	57·0	62·8	50·6
February ...	132·4	28th	143·7	4th	68·3	55·4	63·7	10·1
March ...	148·0	26th	157·3	17th	141·8	58·0	67·4	52·4
April ...	151·4	16th	163·3	1st	123·3	57·9	69·6	44·4
May ...	149·8	30th	159·3	21st	133·3	55·9	67·3	46·8
June ...	148·2	4th	159·8	11th	116·3	56·8	69·6	35·1
July ...	141·9	6th	159·9	5th	96·7	52·3	69·8	14·5
August ...	142·5	24th	161·5	19th	95·5	53·8	71·5	12·6
September ...	144·8	2nd	162·9	11th	103·1	55·0	69·5	22·6
October ...	149·6	21st	158·5	2nd	123·3	60·5	68·3	42·2
November ...	140·8	4th	149·3	2nd	123·3	54·9	62·9	38·8
December ...	134·4	31st	145·8	8th	120·7	55·0	64·6	44·0
Year ...	143·2	...	163·3	...	68·3	56·0	71·5	10·1
Mean of extremes ...	...	...	155·1	...	114·3	...	67·2	34·5

39. DACCA (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	137·5	5th	154·3	13th	82·8	61·1*	76·0	19·0
February ...	145·8	26th	157·8	2nd	109·6	68·3	76·1	40·2
March ...	158·1	18th	171·0	16th	139·8	70·5	84·0	58·2
April ...	161·0	21st	168·8	7th	149·8	71·3†	79·7	61·6
May ...	158·6	8th & 20th	166·8	17th	123·0	67·3†	76·8	36·4
June ...	158·9	19th	177·8	23rd	106·9	69·2	84·7	25·9
July ...	155·8	3rd & 4th	172·8	31st	124·8	67·7	81·5	40·5
August ...	152·8	23rd	172·3	17th	97·8	64·5	83·7	7·8
September ...	153·0	21st	165·9	11th	110·8	64·4	75·8	30·0
October ...	159·8	8th	177·3	27th	141·8	71·8	88·5	57·0
November ...	155·7	25th	170·8	2nd	129·2	70·4	86·0	43·5
December ...	147·9	9th	165·8	8th	119·8	68·5	89·0	44·6
Year ...	153·7	...	177·8	...	82·8	67·9	89·0	7·8
Mean of extremes ...	...	...	168·5	...	119·7	...	81·8	38·7

* Mean of 30 days.
† Mean of 29 days.

40. SILCHAR (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	129·7	5th	142·4	13th	79·9	54·7	66·0	18·2
February ...	132·0	28th	143·2	8th	83·6	56·5	66·9	18·8
March ...	141·7	27th	151·3	31st	115·9	59·5	70·0	41·0
April ...	146·8	27th	159·6	1st	121·3	62·2	68·3	45·5
May ...	147·2	15th	161·3	18th	85·9	61·8	87·0	10·9
June ...	152·5	22nd	167·3	8th	110·3	63·4	81·1	25·8
July ...	145·8	1st	162·7	23rd	99·9	60·1	80·7	22·0
August ...	142·9	30th	160·3	18th	88·4	55·4*	69·0	17·8
September ...	138·0	3rd & 4th	157·3	28th	84·6	52·8	71·6	9·3
October ...	144·7	21st	156·5	23rd	116·4	58·3	71·5	36·8
November ...	139·4	2nd	149·0	27th	133·3	56·0	63·3	50·1
December ...	128·0	6th	137·9	9th	103·2	51·7	61·3	31·9
Year ...	140·7	...	167·3	...	79·9	57·7	87·0	9·3
Mean of extremes ...	...	...	154·1	...	101·9	...	71·4	27·3

* Mean of 30 days.

41. CHITTAGONG (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	129·8	20th	135·9	21st	111·3	51·3	57·2	36·2
February ...	135·3	8th	146·3	9th	107·3	56·9	72·6	32·8
March ...	144·6	12th, 24th to 27th.	148·3	7th	130·3	59·1	69·6	50·8
April ...	143·2	29th	153·5	7th	96·3	55·3	65·7	21·7
May ...	148·6	17th	159·3	26th	135·6	Returns incomplete.		
June ...	141·5	18th	156·3	26th	110·3	Ditto.		
July ...	141·3	31st	157·3	21st	113·3	54·6	70·8	35·3
August ...	142·7	6th	157·7	19th	95·3	55·7	69·9	17·5
September ...	142·5	3rd	157·8	10th	112·3	54·2	67·1	29·5
October ...	146·1	25th	156·3	1st	111·3	58·1	68·3	27·9
November ...	137·5	1st	152·3	3rd	114·3	52·9	62·0	28·3
December ...	130·8	10th	139·8	9th	110·3	49·0	55·1	31·6
Year ...	140·3	...	159·3	...	95·3	...	...	...
Mean of extremes...	...	...	151·7	...	112·3	...	...	...

42. CALCUTTA (S. G. O.) (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	128·4*	30th	138·0	8th	114·8	51·1	56·5	37·6
February ...	132·5†	23rd	140·5	5th	125·0	55·2	63·7	51·4
March ...	142·5	19th	149·0	28th	127·0	54·3	61·0	46·5
April ...	145·2‡	25th	154·0	3rd	120·0	53·0	60·1	36·2
May ...	146·2	25th	155·4	17th	119·0	51·3	59·5	31·5
June ...	141·4§	21st	155·0	22nd	105·5	48·9	61·5	16·3
July ...	140·0§	6th	151·5	21st	105·0	50·6	61·0	22·0
August ...	140·9‖	21st	155·0	18th	100·0	53·1	68·2	16·0
September ...	143·3	18th, 21st & 22nd.	152·0	9th	110·0	54·3	62·2	25·0
October ...	143·2	5th & 11th	151·0	2nd	128·0	55·1	63·0	42·0
November ...	134·8	6th	140·0	7th	121·5	50·0	55·5	38·7
December ...	129·4	19th	137·5	9th	115·0	50·9	58·7	40·2
Year ...	139·0	...	155·4	...	100·0	52·3	68·2	16·0
Mean of extremes...	...	...	148·2	...	115·9	...	60·9	33·6

* Mean of 21 days. † Mean of 25 days. ‡ Mean of 28 days.
§ Mean of 27 days. ‖ Mean of 29 days.

43. ALIPORE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...
April ...	153·9	27th	160·0	1st	143·9	60·8	71·8	55·3
May ...	152·3	6th	160·2	17th	126·0	56·4	65·8	35·3
June ...	146·6	19th	162·7	24th	103·1	54·8	68·5	13·4
July ...	142·4	11th	160·8	4th	105·8	53·6	70·2	17·5
August ...	144·8	22nd	159·8	20th	100·0	56·7	71·7	12·9
September ...	145·5	15th	160·2	9th	111·8	56·8	70·3	26·1
October ...	144·2	9th	159·2	27th	133·8	56·4	70·4	48·1
November ...	138·5	25th	147·3	1st	117·9	54·2	64·4	33·0
December ...	134·5	19th	145·6	8th	109·9	56·0	66·7	33·0
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

44. SAUGOR ISLAND (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	134·8	12th	141·3	14th	124·2	58·5	62·7	51·5
February ...	129·3	28th	145·1	2nd	69·7	53·2	63·9	1·4
March ...	143·3	20th	149·7	28th	124·8	58·7	65·4	41·7
April ...	147·7	16th	159·9	7th	133·2	60·3	71·9	49·3
May ...	149·0	1st	167·4	17th	99·7	59·3	77·2	16·4
June ...	138·8	25th	150·6	26th	116·8	49·7	67·9	26·6
July ...	134·7	2nd	155·0	12th	90·6	47·2	64·7	8·5
August ...	138·5	31st	153·7	7th	99·6	51·1	69·2	14·9
September ...	143·3	26th	166·7	9th	118·9	59·8	78·5	30·2
October ...	148·5	1st	161·4	2nd	134·2	60·4	73·9	45·7
November ...	140·9	18th	158·2	2nd	126·0	55·7	72·0	42·9
December ...	136·6	31st	156·7	8th	104·2	58·7	77·5	29·1
Year ...	140·9	...	167·4	...	69·7	56·1	78·5	1·4
Mean of extremes...	...	...	155·5	...	111·8	...	70·4	29·8

45. CUTTACK (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	138·1	28th	144·0	2nd	133·6	55·1	61·2	50·6
February ...	132·5	22nd	147·6	8th	79·0	50·5	61·6	8·7
March ...	151·9	29th	158·3	16th	138·6	55·5	63·6	51·0
April ...	Observations not recorded.							
May ...	Ditto.							
June ...	148·8	12th	166·6	27th	102·6	52·7	67·8	21·8
July ...	146·6	28th	160·5	12th	113·9	53·8	66·6	25·8
August ...	146·8	27th	161·1	14th	117·6	56·3	67·2	33·9
September ...	151·3	19th	162·6	10th	124·5	59·2	68·9	38·6
October ...	153·9	5th	161·6	25th	143·6	61·8	60·8	54·4
November ...	146·6	3rd	154·9	1st	133·6	57·5	71·0	49·5
Decembr ...	141·6	27th	151·6	8th	125·6	55·1	66·5	45·8
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

46. FALSE POINT (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Observations not recorded.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	147·9	1st	157·1	2nd	128·1	61·5†	71·7	44·7
Decembr ...	143·7	4th	155·6	15th	136·1	62·6	71·9	56·6
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On stand 4 feet high. † Mean of 29 days.

47. SAMBALPUR (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Observations rejected.							
February *a* ...	123·8	25th	151·1	4th	120·6	47·0	59·9	41·0
March ...	157·7	20th	187·1	15th	140·6	62·3	87·3	48·8
April ...	164·3	29th	180·1	3rd	150·6	65·8	78·8	58·8
May ...	163·9	12th	175·1	18th	142·6	60·8	72·3	50·3
June ...	152·8	3rd	179·6	26th	83·6	52·2	71·2	6·0
July ...	148·5	6th	170·6	13th	92·6	56·4	71·3	12·5
August ...	141·9	30th	169·6	3rd	91·6	53·0	80·4	13·5
September ...	157·5	3rd	168·1	10th	133·1	63·4	75·9	44·4
October ...	158·1	8th	170·1	31st	120·1	65·1	75·4	36·0
November ...	149·4	2nd & 25th	157·6	1st	135·6	60·7	72·0	51·5
December ...	141·6	6th	156·1	13th	90·6	56·6	71·0	21·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

a Mean of 25 days.

48. RAIPUR (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Observations not recorded.							
February ...	Ditto.							
March ...	Ditto.							
April ...	149·4	22nd	165·5	5th	80·5	55·4	66·0	8·0
May ...	155·8	17th	167·5	20th	90·5	55·4	64·9	10·0
June ...	154·1	16th	170·5	28th	89·5	54·4	62·9	14·1
July ...	150·0	6th, 7th & 9th	160·5	11th	109·5	59·2	68·0	22·0
August ...	135·8	1st	160·5	7th	87·5	49·5	67·6	12·1
September ...	151·9	5th	162·5	9th	138·5	60·8	72·0	54·1
October ...	140·7	1st	153·5	31st	107·5	52·2	60·0	27·1
November ...	139·4	6th & 27th	150·5	1st	115·5	52·3	62·0	34·1
December ...	129·5	4th	142·5	12th	95·5	45·9	56·0	25·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

49. NAGPORE (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	138·0	13th & 30th	149·4	20th	122·4	57·5	72·4	43·3
February ...	141·7	20th	151·7	9th	134·2	57·6	65·5	50·4
March ...	149·0	11th & 20th	153·4	15th	131·7	53·4	62·2	38·9
April *a* ...	153·5	10th	156·4	16th	147·9	54·8	59·7	51·2
May ...	Observations not recorded.							
June ...	Ditto.							
July *b* ...	147·0	16th	162·8	12th	115·1	57·3	71·6	29·1
August ...	141·3	28th	161·1	24th	95·8	53·0	74·1	9·4
September ...	153·2	28th	162·1	9th	120·8	61·1	69·4	36·4
October ...	153·6	10th	160·1	13th	141·1	64·6	71·9	54·2
November ...	144·4	10th	152·1	30th	138·4	56·9	64·4	52·9
December ...	141·0	20th	148·8	12th	129·6	57·9	65·6	52·4
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

50. SEONI (*corrected*).

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
Observations not recorded.							
Ditto.							
Ditto.							
152·0	11th	159·2	14th	135·2	56·8	64·7	45·7
156·2	14th, 30th & 31st.	165·2	20th	127·2	56·2	64·8	28·8
153·5	3rd & 15th	165·2	28th	105·2	51·0	61·8	8·7
145·7	25th	155·2	14th	115·2	53·7	64·7	25·7
141·3	21st	159·2	5th	103·2	56·3	70·7	23·6
151·7	5th	159·2	9th	107·2	63·1	70·7	29·6
147·7	12th	158·2	6th	124·2	62·4	72·6	45·6
144·1	20th	153·2	30th	134·2	59·6	68·6	52·7
136·1	1st, 19th & 27th.	145·2	8th	110·2	58·0	65·5	42·5
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

a Mean of 20 days.
b Mean of 23 days.

51. JUBBULPORE (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	138·3	21st & 25th	146·7	15th	80·7	64·2	75·6	13·0
February ...	140·7	28th	152·7	7th	85·7	64·8	72·1	19·8
March ...	152·0	9th & 21st	161·7	13th	110·7	62·8	70·1	32·1
April ...	159·2	13th	167·4	3rd	138·7	64·9	70·5	49·0
May ...	162·8	16th & 25th	170·7	2nd	149·7	63·9	70·0	58·5
June ...	155·6	17th & 20th	170·7	27th	95·7	55·7	74·5	14·1
July ...	153·2	5th	162·2	18th	136·9	63·3	70·6	56·2
August ...	151·6	28th & 30th	160·4	6th	131·9	65·0	74·4	51·8
September ...	156·1	25th & 29th	163·7	9th	123·9	65·6	70·7	42·4
October ...	151·3	3rd	163·4	25th	131·7	63·3	68·0	51·1
November ...	148·7	6th	151·2	30th	146·7	62·4	64·1	60·7
December ...	138·4	16th	148·7	9th	104·2	59·1	69·2	29·6
Year ...	150·7	...	170·7	...	80·7	62·9	75·6	13·0
Mean of extremes ...	...	...	160·0	...	119·7	...	70·8	39·9

52. SAUGOR (*corrected*).

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
Observations incomplete.							
Ditto.							
Ditto.							
162·0	17th	170·2	6th	156·2	66·0	76·7	60·6
166·1	19th & 20th	174·2	1st & 6th	159·2	64·8	73·6	60·6
161·6	23rd	174·2	29th	121·2	60·8	76·7	39·7
151·1	8th, 29th & 31st.	161·2	14th	124·2	61·0	73·7	44·7
153·3	23rd	161·2	4th	140·2	63·2	69·7	54·7
159·4	30th	163·2	2nd & 9th	154·2	66·5	70·7	60·6
151·9	1st & 2nd	164·2	27th & 28th	143·2	63·3	69·7	58·7
146·2	8th	152·2	30th	131·2	59·7	64·7	49·7
136·7	18th & 19th	149·2	7th & 8th	104·2	59·8	67·8	37·8
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

53 PACHMARHI (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	132·7	18th	148·3	22nd	98·3	63·7	77·1	39·7
February ...	133·6	25th	146·3	7th	113·3	63·6	71·2	52·2
March ...	143·3	11th	154·3	16th	134·3	62·1	72·1	57·2
April ...	146·2	13th	159·2	24th	133·7	60·1	69·2	51·3
May ...	148·8	15th	159·0	1st	138·8	58·1	65·6	52·7
June ...	144·8	21st	160·1	28th	88·4	55·7	70·8	16·8
July ...	134·6	9th	152·5	14th	84·1	56·9	71·7	13·8
August ...	133·1	29th	152·2	5th	91·7	57·0	73·8	22·1
September ...	147·4	29th	156·5	9th	103·1	67·4	74·4	30·5
October ...	140·4	10th	154·1	24th	115·1	63·4	77·7	41·9
November ...	138·9	6th	149·8	22nd	132·7	62·8	72·9	58·7
December ...	131·1	16th	146·2	7th	82·4	60·1	76·2	17·5
Year ...	139·6	...	160·1	...	82·4	60·9	77·7	13·8
Mean of extremes...	...	...	153·2	...	109·7	...	72·7	37·9

* On stand 4 feet high.

54. HOSHANGABAD (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No instrument.							
February ...	144·1	25th	159·7	7th	119·7	62·0	75·6	50·5
March ...	153·8	27th	162·3	13th	130·2	59·1	67·7	36·2
April ...	159·7	13th & 18th	167·7	7th	152·7	59·6	67·9	53·8
May ...	164·8	30th	176·7	5th	152·7	59·9	72·9	52·3
June ...	158·0	15th	172·2	28th	110·7	55·6	66·8	24·7
July ...	150·2	12th	162·7	15th	92·2	58·6	73·3	17·1
August ...	148·1	11th, 15th & 22nd.	160·7	6th	103·7	59·1	72·2	25·1
September ...	157·1	21st	170·6	3rd	137·7	63·7	74·7	47·5
October ...	149·8	17th	161·7	6th	119·1	59·6	70·5	35·6
November ...	148·6	4th, 9th, 10th & 18th.	150·6	29th	144·6	59·5	61·9	56·1
December ...	136·1	19th	151·2	7th	91·6	56·2	66·1	13·5
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

55. KHANDWA (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	129·6	17th	138·1	20th	112·8	48·3	59·4	42·5
February ...	133·5	25th	149·9	7th	114·9	49·4	55·7	37·3
March ...	148·2	27th	158·9	2nd	137·4	52·6	59·2	48·1
April ...	155·4	29th	164·9	15th	146·9	54·2	61·2	49·2
May ...	158·9	30th	167·7	6th	151·9	53·9	63·1	49·0
June ...	152·0	14th	165·9	28th	131·1	52·2	69·2	42·4
July ...	144·8	11th	158·6	15th	93·9	54·0	63·0	16·2
August ...	138·2	3rd	156·9	26th	86·2	49·9	67·5	12·4
September ...	151·0	30th	162·9	1st	142·2	58·2	69·2	51·0
October ...	146·1	4th	154·9	25th	134·4	54·1	63·4	47·1
November ...	140·1	10th	150·5	30th	132·8	49·0	59·8	44·1
December ...	130·8	6th	140·1	7th	90·9	46·5	57·2	17·1
Year ...	144·1	...	167·7	...	86·2	51·9	69·2	12·4
Mean of extremes...	...	...	155·8	...	122·9	...	62·3	38·0

56. CHIKALDA (*uncorrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	120·7	29th	138·5	23rd	106·2	51·3	62·3	43·5
February ...	129·2	18th	144·8	7th	90·5	55·6	66·8	26·2
March ...	143·0	11th	154·6	28th	129·0	59·8	68·4	47·4
April ...	150·0	13th	175·4	5th	140·0	62·3	83·8	52·9
May ...	156·7	15th	169·0	2nd	145·0	64·8	73·0	57·5
June ...	149·7	14th	174·9	28th	79·5	61·8	81·4	10·7
July ...	138·2	29th	155·6	14th	70·5	61·4	77·5	4·2
August ...	127·1	2nd	152·9	7th	70·4	53·2	77·0	5·7
September ...	147·7	30th	161·2	8th	111·2	68·8	79·6	38·9
October ...	140·7	17th	152·5	6th	116·2	64·0	61·2	42·3
November ...	135·5	10th	146·2	23rd	130·6	58·1	70·8	52·1
December ...	128·4	21st	141·9	9th	87·0	55·5	66·4	19·4
Year ...	138·9	...	175·4	...	70·4	59·7	83·8	4·2
Mean of extremes...	...	...	155·6	...	106·3	...	72·3	33·4

* On stand 4 feet high from October.

57. BULDANA (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	133·8	18th	145·6	20th	121·1	56·0	66·7	49·9
February ...	138·7	27th	151·6	7th	126·5	58·3	67·3	52·7
March ...	147·0	20th	160·0	28th	101·6	57·9	70·6	17·8
April ...	154·7	3rd	160·3	24th	148·0	60·1	65·2	54·7
May ...	155·3	16th	164·4	6th	148·9	57·5	64·0	52·3
June ...	150·1	13th	163·5	28th	104·1	56·7	69·2	17·7
July ...	145·1	26th	154·1	14th	99·1	58·2	69·0	17·2
August ...	143·1	3rd	160·6	26th	92·4	58·6	75·1	13·6
September ...	146·6	3rd	153·8	8th	127·6	60·7	68·4	47·0
October ...	137·7	2nd	149·0	25th	116·4	54·3	63·4	35·3
November ...	135·2	10th	140·1	29th	128·6	50·4	53·4	44·8
December ...	123·0	6th	141·0	8th	107·9	43·0	55·5	33·0
Year ...	142·5	...	164·4	...	92·4	56·0	75·1	13·6
Mean of extremes...	...	...	153·7	...	118·5	...	65·6	36·6

58. AKOLA (*uncorrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	150·2	7th & 17th	161·3	23rd	110·0	67·4	77·4	38·1
February ...	149·3	20th	162·6	6th	126·5	62·5	70·8	47·7
March ...	159·1	11th	170·7	28th	111·7	62·2	74·2	14·1
April ...	168·3	28th	177·4	24th	121·0	65·8	71·8	28·7
May ...	174·2	21st	181·7	26th	166·5	67·5	74·0	60·0
June ...	163·4	5th	178·8	28th	106·6	61·2	76·4	14·3
July ...	152·3	29th	166·7	14th	95·9	59·1	72·2	12·6
August ...	150·7	8th	199·9	25th	89·7	58·3	76·2	0·2
September ...	155·9	7th	162·7	9th	130·0	62·4	73·2	43·1
October ...	150·7	5th	164·2	25th	124·5	60·4	69·7	41·7
November ...	147·6	9th	153·6	22nd	144·5	57·5	62·9	53·6
December ...	137·3	4th	155·6	14th	87·8	54·3	65·8	5·6
Year ...	154·9	...	199·9	...	87·8	61·6	77·4	0·2
Mean of extremes...	...	...	169·6	...	117·9	...	72·0	30·8

* On stand 4 feet high from 12th September.

59. AMRAOTI (*partly corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	135·5	7th	142·8	20th	118·9	53·0	58·8	39·4
February ...	142·3	25th	156·5	7th	109·2	57·1	65·8	31·6
March ...	151·3	24th	157·9	28th	110·0	55·4	62·0	27·0
April ...	155·6	22nd & 23rd	164·0	16th	139·1	55·1	62·2	45·6
May ...	158·8	8th	164·3	1st	153·3	53·5	61·0	48·2
June ...	151·4	6th	162·0	29th	107·0	50·9	63·8	25·6
July ...	143·1	7th	157·4	14th	97·7	51·9	62·8	18·0
August ...	139·4	8th	108·3	25th	87·1	50·3	65·5	9·8
September ...	158·5	23rd & 28th	170·0	8th	122·4	64·8	71·9	37·6
October ...	149·8	3rd	170·3	25th	106·9	59·1	71·4	23·4
November ...	144·9	9th	155·2	2nd	135·0	55·0	65·3	47·9
December ...	137·9	3rd	149·6	14th	104·2	54·4	66·5	31·4
Year ...	147·4	...	170·3	...	87·1	55·0	71·9	9·8
Mean of extremes...	...	...	154·9	...	115·9	...	64·7	32·1

* Corrected from 16th October. On stand 4 feet high from October.

60. CHANDA (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No instrument.							
February ...	Ditto.							
March ...	Ditto.							
April ...	152·5	22nd	160·6	4th	139·6	52·4	58·5	44·5
May ...	156·3	30th	166·6	1st	143·6	51·0	60·5	39·5
June ...	154·1	1st	164·6	28th	92·6	52·2	60·4	13·4
July ...	148·0	9th	165·6	13th	103·6	53·8	63·5	23·4
August ...	138·8	22nd	156·6	8th	105·6	49·0	60·5	26·4
September ...	146·2	4th	157·6	8th	116·6	53·8	64·5	37·4
October ...	144·0	2nd	153·7	31st	112·8	53·8	61·6	32·3
November ...	138·3	30th	143·5	19th	128·0	47·9	55·0	37·9
December ...	132·8	8th	149·6	12th	87·4	46·2	68·1	20·8
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

61. SIRONCHA (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	151·4	22nd	158·2	15th	139·2	65·9	73·0	58·6
February ...	153·0	19th	160·4	15th	127·2	63·4	70·9	55·6
March ...	157·0	8th	161·2	11th	147·2	59·9	68·1	49·0
April ...	160·7	21st	166·0	2nd	154·6	61·5	69·9	57·6
May ...	162·2	31st	170·4	19th	134·2	59·9	64·8	45·5
June ...	157·7	4th	168·4	8th	134·2	56·8	67·9	43·3
July ...	152·7	7th	166·2	28th	103·2	54·6	67·9	1·4
August ...	148·0	21st & 22nd	166·2	11th	103·7	55·6	73·5	13·0
September ...	152·6	29th	162·2	8th & 9th	112·2	59·7	71·5	23·5
October ...	155·4	4th	162·2	26th	143·2	64·4	71·5	55·5
November ...	148·0	1st	154·2	23rd & 25th	143·2	58·1	65·8	52·5
December ...	139·2	5th	147·2	12th	104·2	48·1	58·0	16·5
Year ...	153·2	...	170·4	...	103·2	59·0	73·5	1·4
Mean of extremes...	...	...	161·9	...	128·9	...	68·6	39·3

* On stand 4 feet high.

62. JACOBABAD (*partly corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...				No instrument.				
February ...				Ditto.				
March ...				Ditto.				
April ...				Ditto.				
May ...				Ditto.				
June ...	158·0	9th	165·2	3rd	145·3	47·8	55·0	45·3
July ...	155·4	16th	160·3	4th	149·3	48·0	55·0	45·7
August ...				Not recorded.				
September ...				Ditto.				
October ...				Ditto.				
November ...	142·6	4th, 5th & 16th.	152·4	24th	130·0	58·5	67·9	54·3
December ...	127·4	5th	139·1	17th	91·8	56·4	63·6	25·7
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On stand 4 feet high. Corrected from November only.

63. KURRACHEE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	139·6	30th	149·4	15th	127·5	63·3	71·1	59·3
February ...	142·8	21st	153·8	7th	130·0	63·7	72·5	60·3
March ...	151·6	24th	162·3	14th	144·0	66·4	76·0	62·7
April ...	153·3	18th	159·6	17th	148·1	65·7	73·9	61·4
May ...	158·5	18th	166·0	3rd	153·8	65·6	72·3	63·0
June ...	159·5	24th	165·1	16th	157·0	66·8	71·7	63·0
July ...	160·2	21st	168·1	29th	141·8	69·6	78·4	54·7
August ...	156·2	13th	167·3	19th	135·5	68·7	76·3	50·1
September ...	155·5	13th	165·8	5th	124·0	65·9	76·5	36·8
October ...	156·8	4th	164·2	9th	153·0	64·0	68·7	60·8
November ...	150·9	11th	165·8	24th	138·1	63·2	71·1	60·7
December ...	139·0	8th	149·3	17th	105·6	62·1	68·9	36·0
Year ...	152·0	...	168·1	...	105·6	65·4	78·4	36·0
Mean of extremes...	...	...	161·4	...	138·2	...	73·1	55·7

64. BHUJ (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...				No observations.				
February ...				Ditto.				
March ...	157·1	24th	168·2	14th	147·2	63·4	74·5	56·1
April ...	159·2	30th	165·0	12th	148·2	61·0	69·3	54·5
May ...	160·2	13th	177·2	6th & 27th	149·2	59·3	75·5	50·0
June ...	159·7	6th & 19th	170·2	30th	135·2	59·0	72·3	44·3
July ...	157·8	17th	169·2	23rd	141·2	63·7	75·3	47·9
August ...	152·7	25th	165·6	18th	120·2	58·3	77·5	70·9
September ...	156·4	26th	171·7	5th	109·2	62·6	76·4	36·8
October ...	151·3	1st	160·2	3rd	113·2	59·6	69·1	27·7
November ...	146·4	11th	158·8	25th	136·8	56·5	64·6	51·5
December ...	141·4	17th	153·2	9th	112·2	61·3	67·5	37·6
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

65. RAJKOT (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January ...	No instrument.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	151·5	25th	157·8	16th	127·8	54·5	62·4	41·3
August ...	151·9	7th	159·8	25th	112·8	...	...	...
September ...	151·5	26th	158·8	2nd	119·6	...	...	...
October ...	147·8	16th	155·8	4th	120·6	54·8	67·2	35·1
November ...	150·9	11th	163·8	25th	136·6	57·6	68·3	51·5
December ...	142·2	16th	151·6	10th	127·8	56·5	63·4	45·3
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

66. DEESA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January ...	Instrument out of order.							
February ...	Ditto.							
March ...	153·3	26th	164·2	14th	139·4	61·2	70·8	54·0
April ...	159·7	23rd	168·3	25th	154·7	61·0	67·0	56·7
May ...	162·3	17th	178·9	10th	154·1	59·5	69·5	53·7
June ...	159·4	16th	175·9	30th	137·0	57·1	70·8	50·4
July ...	157·0	5th	163·8	16th	146·8	61·3	66·2	57·0
August ...	154·6	6th	166·9	26th	146·5	54·0	71·3	52·7
September ...	151·4	28th	159·0	2nd	121·7	57·7	67·0	35·3
October ...	146·7	1st	157·2	5th	118·4	54·3	59·1	38·3
November ...	146·6	10th	155·4	25th	134·3	55·0	60·6	50·9
December ...	137·9	23rd	146·7	10th	125·8	55·5	61·1	49·4
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

67. MOUNT ABU (*corrected*).

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January ...	119·2	2nd	137·4	17th	98·3	50·9	67·2	30·7
February ...	Instrument out of order.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	144·0	26th	163·3	2nd	91·5	65·1	74·3	20·8
October ...	142·6	13th	161·1	6th	88·3	64·2	79·6	23·7
November ...	142·1	10th	151·7	25th	127·9	64·2	73·2	57·0
December ...	133·1	16th	149·7	18th	113·3	63·0	76·2	45·8
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

68. NEEMUCH (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January ...	No instrument.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	147·9	2nd	163·7	6th	113·4	59·3	65·3	38·6
November ...	141·7	15th	156·4	30th	115·4	54·3	66·5	34·9
December ...	126·7	24th	143·4	7th	108·9	48·6	66·4	32·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

69. INDORE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No instrument.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	153·2	1st	167·2	6th	136·7	...	...	...
November ...	150·1	9th	164·2	30th	144·7	...	...	...
December ...	142·8	1st	152·3	7th	128·7	...	...	...
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

70. SURAT (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No instrument.							
February ...	Ditto.							
March ...	Ditto.							
April ...	157·2	13th	165·7	4th	150·1	57·8	66·1	51·3
May ...	151·1	19th	161·7	4th	143·6	53·5	65·0	49·6
June ...	149·4	6th	169·4	29th	128·1	54·8	72·7	38·1
July ...	146·5	17th	155·3	4th	110·2	53·5	64·9	20·6
August ...	147·5	24th	162·1	26th	80·1	54·7	66·8	4·1
September ...	152·0	21st	164·4	2nd	122·4	59·3	68·2	37·4
October ...	147·7	11th	159·2	4th	98·8	56·3	66·3	20·8
November ...	151·0	25th	157·1	23rd	146·8	57·5	71·1	53·9
December ...	149·2	19th	158·2	11th	138·1	60·6	71·4	54·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

71. MALEGAON (*corrected*).*

MONTH.	Mean	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Observatory opened, May 19th.							
June ...	151·8	12th	171·2	10th	118·8	54·0	69·1	14·8
July ...	149·1	13th	159·3	15th	103·8	56·7	63·6	18·8
August ...	148·1	27th	187·3	25th	84·3	...	...	...
September ...	157·0	19th	165·3	1st	146·8	...	...	...
October ...	147·1	17th	162·6	5th	103·5	59·9	70·7	23·3
November ...	150·6	10th	161·6	18th	141·1	59·8	71·2	52·1
December ...	143·1	6th	156·6	7th	102·5	57·1	69·2	19·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On stand 4 feet high.

72. BOMBAY (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	144·3	7th	152·3	14th	138·4	63·0	68·1	59·0
February ...	144·1	17th	148·5	7th	136·1	63·2	66·6	57·9
March ...	147·4	2nd	152·7	28th	135·7	62·5	67·3	54·3
April ...	149·9	24th	155·9	27th	147·5	62·6	68·6	59·9
May ...	149·9	19th	156·3	12th	146·2	60·1	67·5	56·3
June ...	139·9	8th	152·2	19th	92·3	51·5	64·1	10·5
July ...	142·6	28th	152·6	14th	120·7	55·6	64·5	34·9
August ...	144·1	25th & 26th	154·5	30th	96·3	58·1	68·1	14·7
September ...	148·7	9th	155·9	1st & 30th	142·5	62·0	68·1	54·9
October ...	145·0	15th	153·3	5th	95·3	58·6	66·9	12·9
November ...	147·6	12th	150·5	18th	142·5	59·8	62·4	54·2
December ...	146·6	22nd	155·3	12th	134·5	62·5	69·7	51·5
Year ...	145·8	...	156·3	...	92·3	60·0	69·7	10·5
Mean of extremes ...	...	...	153·3	...	127·3	...	66·8	43·4

* On stand 4 feet high.

73. Poona (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	143·5	19th	155·1	15th	133·6	62·6	70·5	58·4
February ...	147·3	26th	159·0	8th	137·6	63·7	71·2	57·6
March ...	153·8	12th	166·1	2nd	147·5	64·1	74·7	60·5
April ...	156·7	25th	165·9	24th	126·0	63·0	71·9	39·6
May ...	155·9	18th	165·0	26th	150·0	61·9	68·4	56·7
June ...	146·5	4th & 7th	159·0	21st	108·6	60·2	68·9	32·8
July ...	145·1	26th	158·0	16th	125·6	62·2	68·2	47·6
August ...	145·0	28th	151·0	5th	135·5	63·5	72·7	55·9
September ...	148·7	7th	158·4	1st	132·6	64·7	73·4	53·2
October ...	146·2	29th	158·0	6th	115·0	64·3	75·7	37·5
November ...	147·0	28th	154·1	22nd	144·1	62·9	68·9	59·1
December ...	139·8	14th	148·9	7th	102·3	57·3	70·3	21·1
Year ...	148·0	...	166·1	...	102·3	62·5	75·7	21·1
Mean of extremes...	...	...	157·8	...	129·9	...	71·2	48·3

* On stand 4 feet high.

74. Sholapur (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	143·9	20th	148·6	9th	141·0	55·9	61·9	51·3
February ...	146·6	27th	156·3	11th	141·4	53·0	60·6	48·3
March ...	156·3	2nd	163·9	5th	149·9	57·6	70·3	53·4
April ...	159·0	2nd	169·9	24th	144·6	56·8	65·9	49·6
May ...	164·3	12th	172·2	26th	155·7	60·0	67·3	52·2
June ...	154·0	5th	167·1	17th	132·9	55·8	65·4	39·8
July ...	154·7	3rd	160·9	28th	149·2	59·4	67·9	51·9
August ...	153·0	24th	157·2	31st	145·6	58·0	65·2	52·9
September ...	149·6	4th	155·7	2nd	138·2	60·4	64·6	49·2
October ...	152·7	17th	156·9	30th	146·7	62·7	66·9	59·1
November ...	147·5†	28th	152·6	14th	140·9	57·0	61·9	52·2
December ...	147·0	5th	154·1	14th	138·9	58·4	63·3	50·8
Year ...	152·4	...	172·2	...	132·9	57·9	70·3	39·8
Mean of extremes...	...	...	159·6	...	143·7	...	65·1	50·9

* On stand 4 feet high.
† Mean of 27 days.

75. Ratnagiri (*corrected*).*

Month.	Mean.	Maximum.		Maximum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Register incomplete.							
February ...	138·4	17th	148·6	4th	132·6	52·7	57·7	46·6
March ...	144·2	27th	154·1	11th, 14th & 15th.	139·6	56·2	66·0	51·4
April ...	147·1	23rd	155·1	10th	142·6	57·7	64·5	53·9
May ...	148·9	11th	154·6	25th & 26th	145·6	57·5	64·4	52·2
June ...	135·9	5th	161·6	19th	91·6	47·3	68·7	7·8
July ...	140·9	23rd	151·6	3rd	124·6	53·7	63·6	38·7
August ...	143·4	22nd	152·1	31st	116·6	57·2	64·0	37·0
September ...	145·7	6th	154·6	2nd	112·6	60·3	68·4	31·6
October ...	147·3	2nd	152·6	7th	128·6	59·8	66·8	44·4
November ...	148·6	3rd	152·6	27th	141·6	56·1	59·7	50·7
December ...	148·3	7th	156·6	1st	141·6	56·9	63·7	51·7
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ..	...	...	...	...	...	...	...	...

* On stand 4 feet high.

76. Belgaum (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	149·2	18th	156·1	4th	145·0	64·5	70·0	60 0
February ...	154·6	17th	162·6	12th	143·5	66·0	76·0	58·2
March ...	153·3	28th	167·2	1st	147·6	57·8	69·1	52·7
April ...	155·7	14th	163·1	15th	147·0	57·4	63·6	51·5
May ...	152·5	10th	165·1	20th	126·9	56·3	64·3	44·7
June ...	139·7	13th	154·3	25th	84·4	54·9	66·3	12·3
July ...	142·1	23rd	149·9	29th	129·0	62·1	69·9	50·8
August ...	140·7	23rd	154·6	30th	105·8	61·4	70·4	32·6
September ...	149·3	28th	161·9	8th	125·0	66·4	77·2	47·7
October ...	148·1	18th	158·0	25th	113·8	66·7	76·7	38·2
November ...	144·5	3rd	151·3	10th	139·1	60·6	71·3	54·0
December ...	142·6	12th	156·6	18th	122·2	59·2	74·4	55·3
Year ...	147·7	...	167·2	...	84·4	61·1	77·2	12·3
Mean of extremes ...	...	...	158·4	...	127·4	...	70·8	46·5

* On stand 4 feet high.

77. VIZAGAPATAM (*uncorrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	108·2	13th	119·0	26th	101·0	30·1	39·5	22·0
February ...	111·5	21st	118·5	1st	103·0	30·4	38·0	23·2
March ...	113·4	28th	119·0	13th & 14th	110·0	28·2	32·6	24·8
April ...	116·7	8th	122·6	11th	113·2	28·8	35·6	23·7
May ...	119·7†	27th	130·5	22nd	109·0	29·4	38·0	20·0
June ...	118·6	14th & 15th	132·0	26th	107·0	27·1	42·4	14·0
July ...	120·4	5th & 6th	134·0	27th	103·0	29·8	40·3	14·4
August ...	115·4‡	7th & 25th	125·0	30th	100·0	25·6	38·0	12·0
September ...	115·1§	27th	121·6	2nd	100·0	27·7	34·5	14·0
October ...	117·1	2nd	130·4	28th	96·0	29·6	41·7	11·0
November ...	115·9	26th	123·0	24th	105·0	32·3	38·0	23·0
December ...	114·3	12th	120·5	9th	95·0	32·1	37·7	13·0
Year ...	115·5	...	134·0	...	95·0	29·3	42·4	11·0
Mean of extremes...	...	...	124·7	...	103·5	...	38·0	17·9

* This instrument not in vacuo.
† Mean of 27 days.
‡ Mean of 28 days.
§ Mean of 26 days.

78. MASULIPATAM (*uncorrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	145·2	28th	156·7	12th	135·1	61·9	71·4	53·8
February ...	150·7	21st	160·7	4th	131·3	64·0	74·8	46·5
March ...	150·2	15th	160·4	30th	93·4	59·6	70·0	10·0
April ...	154·4	18th	164·7	22nd	151·1	60·1	64·9	56·3
May ...	154·4*	29th	166·7	17th	93·3	54·8	63·2	10·1
June ...	154·9	2nd	167·4	5th	129·9	55·1	66·5	40·5
July ...	154·6	9th	167·1	27th	95·1	52·5	61·3	16·1
August ...	149·0	11th	163·9	13th	81·7	51·7	63·1	3·7
September ...	150·2	26th	163·4	8th	127·9	58·3	72·0	38·0
October ...	142·9	22nd	159·4	29th	82·1	54·9	69·6	2·3
November ...	144·9	6th	157·9	14th	109·4	58·9	70·7	27·8
December ...	145·9	12th	156·9	7th	140·7	60·5	71·1	55·8
Year ...	149·8	...	167·4	...	81·7	57·7	74·8	2·3
Mean of extremes...	...	...	162·1	...	114·2	...	68·2	30·1

* Mean of 27 days.

79. BELLARY (*uncorrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	146·2	31st	151·4	24th	140·7	58·2	62·7	50·5
February ...	153·5	7th	159·8	6th	148·8	59·6	64·9	54·5
March ...	159·7	20th	163·8	1st	151·8	60·0	67·5	56·2
April ...	162·1	23rd	168·0	2nd	156·9	59·1	65·0	53·9
May ...	156·8	10th	167·9	18th	134·6	54·3	65·9	38·5
June ...	148·9	8th	159·7	26th	139·2	53·5	62·1	45·9
July ...	150·3	10th	157·6	27th	130·8	54·7	62·4	44·6
August ...	149·7	24th	161·6	30th	125·8	55·4	63·5	43·5
September ...	150·1	16th	162·1	26th	131·4	58·1	67·9	43·4
October ...	147·3	24th	157·8	26th	109·3	59·2	68·6	33·5
November ...	146·4	4th	153·9	15th	133·5	58·2	66·5	46·8
December ...	148·0	11th	156·7	7th	136·9	59·4	73·4	52·3
Year ...	151·6	...	168·0	...	109·3	57·5	73·4	33·5
Mean of extremes...	...	...	160·0	...	136·6	...	65·9	47·0

80. BANGALORE (*uncorrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	145·6	13th	158·9	3rd	137·9	64·7	75·2	61·3
February ...	152·3	22nd	160·5	15th	146·0	65·0	76·1	57·6
March ...	156·9	28th	164·5	1st	147·5	66·3	74·7	60·2
April ...	159·2	16th	166·9	2nd	148·1	65·9	73·4	58·9
May ...	152·3	6th	168·2	18th	105·0	59·8	73·0	23·9
June ...	147·7	4th	163·9	9th	122·9	61·4	73·4	39·3
July ...	149·9	17th	157·6	22nd & 24th	136·0	62·0	68·1	49·5
August ...	148·5	24th	154·7	30th	133·9	62·7	68·0	50·0
September ...	146·0	14th	163·0	11th	125·0	63·5	77·7	44·6
October ...	148·9	12th	158·4	16th	130·3	66·7	73·1	48·9
November ...	144·7	3rd	158·3	28th	133·3	65·0	78·9	53·9
December ...	137·6	15th	150·3	7th	95·3	58·0	69·6	23·7
Year ...	149·1	...	168·2	...	95·3	63·4	78·9	23·7
Mean of extremes...	...	...	160·4	...	130·1	...	73·4	47·6

81. MADRAS (*uncorrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	144·7	18th	147·4	13th	141·3	59·3	63·0	55·0
February ...	146·5	27th	149·4	4th	143·2	58·9	61·5	51·3
March ...	143·5	20th	149·6	16th	131·8	54·4	62·9	43·5
April ...	138·5	15th	147·7	22nd	129·4	46·9	55·2	36·7
May ...	135·2*	21st & 23rd	147·4	17th	91·7	39·9	55·6	13·6
June ...	141·7	3rd	147·8	10th	125·9	43·4	52·5	33·5
July ...	144·4	3rd	149·0	22nd	125·9	43·0	49·4	29·9
August ...	143·8	10th	150·3	17th	137·1	44·6	54·2	35·5
September ...	143·2	14th	148·5	11th	127·5	50·1	57·8	40·3
October ...	140·1	19th	149·1	13th	101·5	49·2	56·3	20·4
November ...	135·1	7th	143·8	15th	84·4	49·4	59·5	9·3
December ...	138·4	30th	145·0	9th	116·6	52·1	58·0	34·2
Year ...	141·3	...	150·3	...	84·4	49·3	63·0	9·3
Mean of extremes...	...	...	147·9	...	121·4	...	57·2	33·6

* Mean of 30 days.

82. SALEM (*uncorrected*).

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
149·9	20th	156·6	1st to 4th	145·3	59·1	65·3	52·4
153·8	19th	158·2	2nd	148·1	57·5	64·4	51·6
Observations not recorded.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							
Ditto.							

83. COIMBATORE (*uncorrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	139·3	14th	153·3	2nd	132·3	50·3	61·4	44·5
February ...	144·5	9th	151·8	21st	139·6	49·7	55·1	45·0
March ...	146·7	27th	154·4	16th	135·7	49·9	56·2	44·4
April ...	148·8	18th	154·7	2nd	140·6	49·5	56·3	42·5
May ...	143·6	13th	155·5	7th	120·7	45·3	53·2	32·2
June ...	132·5	8th	143·9	13th	110·0	41·9	53·6	25·6
July ...	138·0	24th	148·1	4th	128·1	45·2	55·5	34·3
August ...	141·2	3rd	149·1	31st	128·3	49·3	58·0	40·9
September ...	142·6	4th	151·0	5th	113·8	51·0	60·7	30·2
October ...	143·5	7th	154·5	29th	117·5	54·3	58·3	36·3
November ...	136·2	4th	147·3	2nd	110·4	49·2	57·4	29·1
December ...	131·7	30th	143·5	3rd	84·5	46·4	55·1	8·5
Year ...	140·7	...	155·5	...	84·5	48·5	61·4	8·5
Mean of extremes...	...	...	150·6	...	122·3	...	56·7	34·5

84. TRICHINOPOLY (*uncorrected*).

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
155·9	13th	162·8	4th	147·2	67·7	74·4	60·6
157·3*	15th	164·2	2nd	152·4	63·5	71·3	58·3
159·7	31st	170·9	2nd	152·3	62·5	71·3	57·4
163·8	24th & 27th	167·7	4th	158·3	63·1	68·3	57·1
153·4	1st, 3rd & 6th	165·7	17th	99·4	53·4	67·1	16·1
152·9	8th	161·4	10th ...	132·1	53·8	63·5	38·2
155·6	28th	164·3	22nd	146·0	55·4	64·2	49·6
157·0	17th	166·0	14th	126·8	57·6	65·9	32·9
155·5	2nd	160·1	29th	125·9	60·6	75·5	38·5
152·1	1st	163·8	29th	114·6	62·7	73·0	35·6
152·1	18th	161·2	8th	134·6	65·6	73·7	51·2
145·7	24th	159·3	7th	87·3	60·8	73·9	10·7
155·1	...	170·9	...	87·3	60·6	75·5	10·7
...	...	164·7	...	131·4	...	70·2	42·2

* Mean of 26 days.

85. NEGAPATAM (*uncorrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	146·5	1st	158·9	2nd	141·1	64·3	78·7	59·5
February ...	148·7	27th	160·6	2nd	144·0	63·0	73·6	59·2
March ...	149·4	16th	155·3	17th	142·3	61·0	67·2	53·9
April ...	150·3	18th	156·3	6th	145·3	58·6	64·2	54·0
May ...	143·4	30th	156·0	17th	77·1	49·6	61·0	0·0
June ...	149·7	24th	155·2	11th	137·9	51·3	60·6	42·1
July ...	146·8	25th	156·8	22nd	130·0	50·2	57·6	36·9
August ...	153·2	17th	159·8	1st	140·1	55·0	62·0	44·4
September ...	151·3	2nd	157·0	29th	143·5	58·3	64·4	53·0
October ...	146·0	7th	158·2	13th	95·9	56·1	65·9	15·2
November ...	138·6	5th	155·5	28th	92·0	54·3	69·0	12·4
December ...	134·3	2nd	154·6	17th	93·9	51·5	71·0	14·7
Year ...	146·5	...	160·6	...	77·1	56·1	78·7	0·0
Mean of extremes ...	...	...	167·0	...	123·6	...	66·3	37·1

86. MADURA (*uncorrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	136·6	14th	146·1	8th	127·6	47·1	54·3	41·7
February ...	139·6	15th	144·7	23rd, 24th & 26th	135·2	44·7	48·9	40·2
March ...	142·8	30th	150·7	17th	126·5	46·1	51·8	37·7
April ...	147·8	29th	151·9	4th	140·9	47·0	50·2	42·2
May ...	139·6	10th	151·3	17th	95·7	39·8	50·3	9·0
June ...	139·5	1st	147·7	18th	118·7	41·3	47·8	23·4
July ...	147·2	16th & 29th	151·2	13th	139·7	44·0	48·6	38·5
August ...	146·9	28th	153·6	5th	134·5	45·5	50·5	36·3
September ...	142·8	2nd	152·9	7th	118·3	46·1	52·2	23·1
October ...	140·6	8th	151·2	25th	131·1	49·4	58·5	40·8
November ...	134·0	4th ...	143·0	28th ...	97·5	46·3	54·3	14·3
December ...	129·7	31st ...	141·4	17th ...	79·2	42·9	52·6	2·5
Year ...	140·6	...	153·6	...	79·2	45·1	58·5	2·5
Mean of extremes ...	...	...	148·8	...	120·4	...	51·7	29·1

87. COCHIN (*uncorrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	152·8	1st	159·4	5th	144·7	63·7	70·4	58·2
February ...	151·5	6th	159·9	26th	146·9	61·8	69·5	57·5
March ...	150·5	28th	157·7	8th	144·1	59·6	64·6	53·2
April ...	150·2	2nd	157·1	3rd	145·1	58·1	65·1	53·3
May ...	148·9	9th	152·3	26th	141·1	58·8	64·2	53·2
June ...	146·6	30th	149·7	13th	138·2	62·0	69·2	57·2
July ...	144·9	17th	154·1	30th	138·9	58·9	65·6	53·2
August ...	144·7	11th	149·7	15th	137·7	58·4	71·8	51·3
September ...	150·6	24th	164·3	11th, 13th & 29th.	143·1	65·0	84·3	56·0
October ...	148·2	13th	154·4	8th	142·0	61·9	73·0	56·2
November ...	147·9	16th	154·9	5th	99·4	59·9	67·3	20·4
December ...	149·8	29th	155·2	2nd	134·4	61·3	66·3	47·6
Year ...	148·9	...	164·3	...	99·4	60·8	84·3	20·4
Mean of extremes ...	...	...	155·7	...	138·0	...	69·3	51·4

88. AKYAB (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	134·4	19th & 31st	140·5	14th	129·5	51·9	55·9	47·9
February ...	140·7	26th & 27th	151·5	5th	113·5	57·0	64·9	36·9
March ...	151·0	31st	163·5	5th	142·5	62·4	73·9	51·9
April ...	155·5	30th	161·5	6th	143·5	63·5	67·9	55·9
May ...	157·6	11th	164·5	19th	135·5	63·3	70·0	47·4
June ...	142·5	14th	158·5	28th	113·5	55·9	72·9	30·9
July ...	127·2	16th	173·5	11th	96·5	42·6	92·9	15·9
August ...	138·2	24th	160·5	7th	94·5	53·0	71·9	12·9
September ...	143·6	26th	159·0	9th	100·5	56·4	69·9	19·9
October ...	148·8	8th	165·5	26th	103·5	60·3	76·9	21·9
November ...	138·6	30th	155·5	3rd	89·5	53·1	69·9	12·4
December ...	135·7	17th & 18th	138·5	4th	130·5	53·2*	57·9	50·4
Year ...	142·8	...	173·5	...	89·5	56·1	92·9	12·4
Mean of extremes ...	...	...	157·7	...	116·1	...	70·4	33·7

* Mean of 30 days.

89. THYETMIO (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Observatory opened November.							
November ...	142·6	3rd & 6th	151·6	4th	102·6	56·4†	65·4	19·4
December ...	142·3	21st	149·6	4th, 8th, & 18th.	139·6	58·0	65·4	54·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes	...	...	...	...	...	...	...	...

† Mean of 29 days.

90. TOUNGHOO (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Observatory opened November 1877							
November ...	150·2	16th	161·1	5th	141·1	61·5	74·3	54·3
December ...	145·9	20th	149·6	3rd	141·1	60·2	65·6	54·8
Year ...	...	...	...	...	...	...	...	...
Mean of extremes	...	...	...	...	...	...	...	...

* On stand 4 feet high.

91. BASSEIN (*corrected.*)*

MONTH.	Mean	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	145·8	10th	154·3	29th	140·1	60·2	68·6	54·6
February ...	144·9	5th.	151·3	19th	135·3	55·7	65·1	50·0
March ...	148·0	31st	154·0	2nd	142·3	54·3	59·0	51·5
April ...	151·1	29th	158·3	6th	146·7	54·4	59·5	51·0
May ...	149·6	7th & 18th	158·3	25th	95·3	62·9	65·0	15·0
June ...	138·4	8th	165·3	20th	89·8	53·1	82·9	12·1
July ...	132·0	12th	149·6	10th	92·3	47·3	61·4	13·6
August ...	136·6	31st	158·5	12th	97·1	51·7	73·0	15·6
September ...	143·0	20th	160·3	7th	112·1	56·5	73·0	29·9
October ...	147·8	7th	158·3	24th	97·3	60·1	70·9	19·0
November ...	147·8	2nd	155·3	19th	142·3	60·6	69·7	54·3
December ...	144·1	21st	152·6	4th & 6th	140·3	58·5	67·8	55·3
Year ...	144·1	...	165·3	...	89·8	55·4	82·9	12·1
Mean of extremes...	...	...	156·3	...	119·2	...	68·0	35·2

* On stand 4 feet high from 22nd January.

92. RANGOON (*corrected in part*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	144·8	10th	150·1	4th	140·0	56·9	64·4	46·5
February ...	145·5	5th	151·5	19th	133·0	53·6	63·3	46·0
March ...	151·7	24th & 25th	159·0	1st	141·8	54·9	63·0	49·1
April ...	157·0	19th	161·6	4th	146·5	57·3	67·2	47·9
May ...	154·7	21st	165·0	25th	91·7	55·6	63·2	11·9
June ...	137·7	8th	167·1	25th	107·7	52·8	78·3	27·1
July ...	142·1	31st	163·8	19th	87·3	56·8	75·1	10·2
August ...	137·2	21st	161·7	12th & 15th	95·3	52·5	76·4	15·2
September ...	150·2	20th	162·5	5th	114·1	63·8	75·8	33·3
October ...	150·3	18th	165·5	11th	111·3	63·1	75·3	30·8
November ...	151·6	6th	162·1	2nd	116·7	62·7	73·4	33·9
December ...	149·2	22nd	155·9	5th	145·4	59·8	66·6	57·3
Year ...	147·7	...	167·1	...	87·3	57·5	78·3	10·2
Mean of extremes...	...	...	160·5	...	119·2	...	70·2	34·1

* On stand 4 feet high. Sun thermometer corrected from June.

93. MOULMEIN (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	144·3	17th	152·7	21st & 27th	138·7	53·5	60·6	43·6
February ...	141·8	18th	149·9	19th & 20th	134·9	52·6	57·4	44·4
March ...	151·4	27th	159·9	1st & 2nd	144·9	56·4	61·4	50·0
April ...	154·4	22nd	161·4	4th	141·9	57·7	66·4	48·4
May ...	152·6	19th	163·9	29th	86·9	58·0†	67·4	7·4
June ...	139·4	7th & 15th	161·9	25th	88·9	57·1	77·4	10·4
July ...	126·4	24th	154·9	4th	85·9	44·7	70·2	8·9
August ...	129·3	30th	159·0	18th, 27th & 28th.	85·9	48·8	76·4	4·4
September ...	136·5	3rd	159·9	10th & 28th	93·9	51·6	75·9	4·4
October ...	135·1	16th	160·9	2nd	84·9	49·9	74·4	1·4
November ...	134·4	30th	151·9	13th to 15th	99·9	...	...	...
December ...	130·8	9th	144·9	13th to 15th, 17th, 18th & 22nd	114·9	43·5	55·4	24·4
Year ...	139·9	...	163·9	...	84·9	...	...	...
Mean of extremes...	...	...	156·8	...	108·5	...	...	...

* On stand 4 feet high.
† Mean of 23 days.

94. PORT BLAIR (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	144·8	13th	150·1	8th	131·6	59·6	65·6	50·1
February ...	144·7	4th	151·6	5th	134·6	58·1	66·6	47·6
March ...	145·6	7th	152·1	1st	139·6	56·8	64·1	52·1
April ...	147·6	9th	153·6	2nd, 8th & 21st	145·6	55·1	61·0	52·5
May ...	141·5	20th	150·6	22nd	120·6	50·7	58·5	33·1
June ...	136·7	8th	150·6	17th	91·1	50·9	66·1	13·7
July ...	138·1	21st	147·1	26th	102·1	51·8	60·1	20·1
August ...	137·9	23rd	150·5	26th	103·6	52·5	63·6	21·6
September ...	140·4	19th	153·6	25th	105·2	54·7	66·0	26·1
October ...	146·8	16th	157·2	6th	113·2	59·7	68·1	31·3
November ...	144·8	2nd	154·6	12th	113·5	57·1	67·7	30·6
December ...	141·7	15th	151·6	3rd	104·5	54·5	63·3	24·6
Year ...	142·5	...	157·2	...	91·1	55·1	68·1	13·7
Mean of extremes...	...	...	151·9	...	117·1	...	64·2	33·6

* On stand 4 feet high.

95. NANCOWRY (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SUN AND SHADE.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	146·7	15th	154·9	26th	135·9	65·3	72·8	55·8
February	144·6	17th & 26th	150·9	16th & 20th	132·9	58·8	65·8	46·8
March	149·5	30th	157·9	10th	137·9	61·6	68·8	50·8
April	152·3	15th	160·9	1st, 3rd to 5th, 12th, 14th, 16th, 22nd & 27th	149·9	62·4	71·8	58·8
May	147·6	10th	156·9	11th	114·9	58·1	66·3	26·8
June	138·6	30th	154·9	4th	90·9	53·6	67·8	6·8
July	147·0	30th	153·9	22nd	138·4	61·7	68·8	55·3
August	143·6	5th	155·9	31st	126·0	59·5	69·3	43·3
September	145·5	23rd	164·9	21st	97·9	60·3	78·9	18·3
October	145·2	30th	162·5	16th	104·7	60·5	77·3	23·6
November	149·1	21st	158·9	30th	112·9	63·4	70·9	29·6
December	140·4	18th	153·7	30th	110·9	54·9	67·8	27·3
Year	145·8	.....	164·9	.....	90·9	60·0	78·9	6·8
Mean of extremes	...	.....	157·2	.....	121·1	...	70·5	36·9

On stand 4 feet high.

TABLE II.—TEMPERATURES OF NOCTURNAL GRASS (OR GROUND) RADIATION IN 1877.
(95 STATIONS).

1 PESHAWAR (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	37·6	28th	47·2	31st	31·3	2·9	4·4	0·1
February ...	35·9	21st	44·7	9th	28·3	3·1	5·4	0·1
March ...	45·7	19th	56·2	21st	39·3	3·7	5·8	2·1
April ...	54·8	29th	62·6	1st	44·7	3·5	7·1	0·3
May ...	63·0	26th	73·4	23rd	57·2	4·4	8·5	1·3
June ...	63·5	30th	76·7	12th	54·2	9·3	14·2	2·4
July ...	70·4	28th	77·2	7th	64·8	6·9	10·8	3·8
August ...	68·4	18th	75·2	30th	63·2	7·1	10·7	2·6
September ...	63·2	5th	75·7	30th	50·2	6·6	12·0	2·0
October ...	55·1	7th	65·2	23rd	42·5	6·7	10·5	1·9
November ...	46·8	5th & 17th	56·2	30th	30·3	5·8	9·9	0·3
December ...	37·6	18th	48·0	31st	26·3	6·5	11·3	0·3
Year ...	53·5	...	77·2	...	26·3	5·5	14·2	0·1
Mean of extremes ...	...	...	63·2	...	44·4	...	9·2	1·4

* On a thick pad of woollen blanket from June.

2. MURREE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	24·3	11th	32·5	14th, 18th & 21st.	15·5	12·8	23·3	0·2
February ...	23·7†	14th	34·5	18th	12·5	10·9	25·2	0·2
March ...	30·0	8th	40·4	1st	24·1	13·1	24·2	0·0
April ...	37·3	29th	46·1	1st & 7th	29·5	10·1	18·7	0·4
May ...	45·6	26th & 29th	52·2	5th	37·8	12·1	21·9	1·5
June ...	52·3	28th	63·2	10th	43·4	12·6	20·7	4·2
July ...	54·5	30th	60·2	4th	47·1	10·4	18·9	1·6
August ...	54·1	8th	61·2	22nd	44·1	12·6	20·5	4·0
September ...	48·0	7th	56·2	26th	38·6	14·6	27·1	1·6
October ...	41·1	3rd	50·3	21st	30·5	10·8	20·2	0·5
November ...	36·9	18th	44·2	29th	23·5	9·7	18·1	0·6
December ...	29·2	3rd	37·9	13th	16·7	7·9	18·4	0·2
Year ...	39·7	...	63·2	...	12·5	11·5	27·1	0·0
Mean of extremes ...	...	...	48·2	...	30·3	...	21·4	1·2

* On a thick pad of woollen blanket from June.
† Mean of 21 days.

3. RAWALPINDI (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	39·8	1st	49·4	7th	31·8	0·8	2·1	0·0
February ...	37·1	21st	45·6	14th & 16th	30·3	1·3	3·4	0·1
March ...	47·2	19th	57·3	15th	40·6	2·2	7·4	0·2
April ...	54·7	19th	62·8	6th	45·5	1·9	6·3	0·0
May ...	62·6	26th	74·4	9th	56·5	3·3	7·9	0·5
June ...	68·5†	2nd	75·1	18th	62·7	3·4	8·5	0·8
July ...	Observations not recorded.							
August ...	Ditto.							
September ...	Observations recorded for 15 days only.							
October ...	50·3	7th	63·2	25th	38·2	5·8	10·1	0·3
November ...	48·0	17th	54·3	30th	37·7	3·6	6·8	1·5
December ...	40·8	18th & 28th	48·3	13th	32·6	2·8	5·5	0·7
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from June.
† Mean of 26 days.

4. SEALKOT (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	41·5	11th	52·6	23rd	34·6	Min. not recorded.		
February ...	40·7	21st	52·6	2nd & 11th	34·1	2·9	3·9	1·0
March ...	51·4	19th	58·9	2nd	45·1	Min. not recorded.		
April ...	57·6	30th	66·3	7th	49·1	Ditto.		
May ...	66·4	29th	77·2	7th	56·4	5·9	12·3	3·3
June ...	71·2	27th	83·2	12th	62·3	8·3	17·9	1·9
July ...	77·0	28th	85·7	3rd	68·3	4·4	11·8	0·9
August ...	75·6	18th	83·7	21st	67·3	5·6	15·8	1·7
September ...	69·0	2nd	81·7	28th	57·4	7·2	17·8	1·5
October ...	55·7	8th	69·3	24th	44·6	10·2†	26·5	4·3
November ...	49·8	6th	59·9	4th	33·1	9·5	35·5	2·1
December ...	43·3	28th	55·0	11th	35·6	5·1	15·5	1·0
Year ...	58·3	...	85·7	...	33·1	...	...	...
Mean of extremes ...	...	...	68·8	...	49·0	...	...	...

* On a thick pad of woollen blanket from June.
† Mean of 27 days.

5. LAHORE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	40·0	28th	51·2	2nd	29·0	4·1	8·0	0·4
February ...	39·8	21st & 22nd	48·2	2nd	30·6	4·2	7·9	0·2
March ...	51·8	8th	62·2	3rd	43·0	4·1	7·5	0·5
April ...	59·2	27th	67·2	1st	51·7	3·9	13·4	0·8
May ...	67·6	29th	77·0	8th	57·5	5·0	9·9	0·7
June ...	74·7	28th	90·0	13th	62·2	4·8†	9·2	0·4
July ...	79·0	17th	86·9	7th	70·6	4·0	7·5	1·1
August ...	76·2	15th	83·4	21st	67·9	5·2	9·4	1·1
September ...	69·8	2nd	83·9	28th	56·9	5·7	9·6	1·5
October ...	55·6	5th, 6th, 8th & 16th.	63·9	22nd	43·9	7·7	13·6	3·5
November ...	50·7	24th	59·4	30th	32·9	7·2	12·4	1·1
December ...	39·5	28th	55·4	14th	31·4	6·9	10·2	1·1
Year ...	58·7	...	90·0	...	29·0	5·2	13·6	0·2
Mean of extremes...	...	...	69·1	...	48·1	...	9·9	1·0

* On a thick pad of woollen blanket from June.
† Mean of 21 days.

6. LUDHIANA (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	41·7	11th	53·1	2nd	30·6	Minimum recorded 13 days only.		
February ...	40·1	7th	49·2	14th & 15th	32·1	3·4	5·9	0·9
March ...	52·1	20th	64·3	3rd	44·2	3·4	6·5	0·9
April ...	59·3	30th	72·2	1st	49·2	3·9	6·5	1·4
May ...	66·7	31st	76·2	9th	61·3	4·1	7·0	0·5
June ...	73·0	27th & 28th	90·2	16th	65·3	6·5	11·1	1·1
July ...	77·6	27th	84·7	4th & 7th	69·7	4·6	7·6	2·1
August ...	75·5	19th	86·2	21st	65·3	5·3	8·6	2·6
September ...	66·6	2nd	80·2	29th	52·3	7·6	13·5	0·6
October ...	53·3	5th, 7th & 8th.	65·3	24th & 25th	41·2	9·5	16·5	2·0
November ...	47·1	24th	60·8	30th	34·1	9·2	13·0	2·4
December ...	39·5	24th	54·3	6th	31·6	8·2	13·5	1·4
Year ...	57·7	...	90·2	...	30·6	...	...	...
Mean of extremes...	...	...	69·7	...	48·1	...	...	...

* On a thick pad of woollen blanket from June.

7. DELHI (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	43·6	29th	52·3	5th	37·4	4·9	7·9	1·0
February ...	44·3	22nd	52·3	6th	38·1	4·4	9·2	0·9
March ...	54·5	21st	64·2	3rd	48·4	6·2	12·7	0·2
April ...	61·9	30th	72·4	1st	50·3	6·4	9·5	0·2
May ...	Observations incomplete.							
June ...	Ditto.							
July ...	79·7	12th	84·1	3rd	71·1	3·3	6·1	1·1
August ...	Observations incomplete.							
September ...	Ditto.							
October ...	61·1	5th	70·0	26th	49·1	8·5	18·0	0·0
November ...	54·8	25th	61·1	30th	44·3	7·6	11·1	1·1
December ...	43·8	18th	55·1	3rd & 12th	35·5	7·1	12·9	0·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 2[illegible]h June.

8. SIRSA (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	...	...	...	...	...	...	...	...
February ...	33·6	21st	48·5	11th	23·7	10·0	14·9	0·8
March ...	46·9	27th	58·6	3rd	37·2	10·6	13·9	3·2
April ...	Observations taken during 15 days only.							
May ...	No observations.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	54·4	5th	72·2	24th	38·2	10·1	17·3	0·1
November ...	47·7	25th	58·4	30th	36·2	10·4	14·8	2·4
December ...	36·6	28th	50·2	12th	29·1	10·1	16·0	3·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 20th September.

9. DERA ISMAIL KHAN (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	37·3	28th & 29th	49·4	2nd	30·3	5·7	13·5	0·4
February ...	37·5	21st	50·4	10th	29·3	5·7	8·6	0·6
March ...	48·2	8th	56·4	23rd	37·3	7·4	13·5	1·3
April ...	56·8	29th	64·4	1st	45·4	6·5	10·5	1·3
May ...	64·5	31st	73·4	7th	57·4	8·2	14·5	1·4
June ...	69·7	30th	80·4	16th & 17th	61·4	9·2	12·5	0·4
July ...	74·7	18th	81·4	24th	68·4	7·4	14·5	1·5
August ...	69·3	14th	75·4	11th	64·4	10·5	19·5	3·5
September ...	66·0	7th	73·4	29th	51·4	8·5	15·5	3·5
October ...	52·9	7th to 9th	65·4	24th	41·3	9·2	20·4	4·4
November ...	47·7	17th	56·4	30th	33·3	7·8	12·5	1·3
December ...	36·4	28th	50·4	11th to 13th	29·3	9·2	17·4	0·4
Year ...	55·1	...	81·4	...	29·3	7·9	20·4	0·4
Mean of extremes ...	...	...	64·7	...	45·8	...	14·4	1·7

* On a thick pad of woollen blanket from July.

10. MOOLTAN (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	39·3	25th	50·5	19th	30·5	5·6	10·5	1·8
February ...	Observations incomplete.							
March ...	Ditto.							
April ...	56·7	23rd & 30th	63·2	1st	48·3	7·6	19·5	3·3
May ...	62·4	24th & 27th	68·2	23rd	51·2	14·0	23·0	4·9
June ...	62·9	6th	70·2	13th	55·2	18·9	26·0	10·0
July ...	61·9	23rd	72·7	3rd	58·2	21·7	35·0	11·5
August ...	Observations incomplete.							
September ...	65·7	7th	71·0	30th	58·3	9·3	12·9	3·0
October ...	52·6	10th	62·3	25th	39·2	12·0	16·9	8·3
November ...	47·7	24th	54·8	27th & 30th	36·1	9·5	15·8	0·8
December ...	36·1	9th	49·3	12th, 13th, 22nd, 24th, 26th, 27th, 29th, & 31st.	30·1	13·5	22·9	1·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from June.

11. AJMIR (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	*Ditto.*							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Observations doubtful.							
July ...	*Ditto.*							
August ...	No observations.							
September ...	73·3†	22nd	78·7	4th & 25th to 28th.	69·7	1·1	3·6	0·0
October ...	62·7	1st	79·7	25th & 26th	51·5	1·9	7·3	0·0
November ...	No observations.							
December ...	Ditto.							
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

† Mean of 28 days.

12. CHAKRATA (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	28·4	2nd	34·2	14th	17·2	5·9	10·6	0·1
February ...	26·1	25th	36·2	1st	18·2	6·5	14·2	0·6
March ...	32·4	8th	40·2	16th	28·2	7·3	13·2	1·6
April ...	36·6	25th	44·2	1st	27·7	7·8	14·3	2·7
May ...	45·0	30th	52·7	7th	37·2	7·4	12·4	0·7
June ...	53·6	26th	63·8	12th	43·2	5·8	11·3	0·8
July ...	56·0	27th	61·4	4th	50·2	4·3	9·3	0·2
August ...	55·7	25th	60·8	21st	48·4	5·4	10·9	0·7
September ...	50·5	7th	58·2	30th	44·2	7·7	13·8	1·3
October ...	Observations incomplete.							
November ...	No observations.							
December ...	Ditto.							
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

13. DEHRA.

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ..	41·3	28th	50·8	14th	34·4	4·7	11·5	2·0
February ...	38·7	22nd	50·3	10th & 11th	30·0	4·7	7·8	1·1
March ...	49·6	8th	57·7	16th	42·0	4·1	5·9	1·2
April ...	55·8	18th, 27th & 29th.	61·0	1st	44·8	3·4	5·4	2·1
May ...	64·0	27th	72·0	7th	55·8	3·6	10·4	1·3
June ...	71·2	26th	81·5	13th	63·6	2·8	5·0	0·9
July* ...	73·0	27th	78·4	4th	66·0	2·3	4·5	0·1
August ...	72·6	18th	79·0	21st	66·7	1·9	3·8	0·8
September ...	68·6	1st	72·2	30th	60·7	2·8	4·0	1·0
October ...	59·2	5th	68·2	21st	50·4	3·2	5·1	0·7
November ...	53·2	24th	61·2	30th	43·6	3·3	4·4	1·0
December ...	45·4	9th	52·0	11th	34·8	3·0	4·4	1·2
Year ...	57·7	...	81·5	...	30·0	3·3	11·5	0·1
Mean of extremes ...	...	...	65·4	...	49·4	...	6·0	1·1

14. ROORKEE (*corrected*).*

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
41·4	11th	52·2	5th	34·9	5·0	8·0	2·0
39·8	22nd	52·6	2nd	33·3	5·3	7·2	2·0
50·2	20th	61·3	16th	43·0	6·2	9·9	1·6
55·4	27th	66·2	1st	44·1	7·9	10·8	4·1
64·3	30th & 3st	74·2	7th	57·8	7·7	11·4	1·9
72·9	26th	87·1	10th	64·3	5·9	12·9	1·5
76·4	29th	84·1	4th	68·2	3·7	6·3	0·9
74·8	18th	81·1	21st	68·2	4·7	7·7	0·4
68·1	3rd	77·6	29th	56·8	6·6	10·0	2·9
57·0	5th	68·2	21st, 24th & 26th.	44·6	6·8	9·7	3·2
49·6	25th	60·3	22nd	42·0	6·2	8·8	1·3
45·7	26th	56·3	6th	36·5	3·6	6·2	0·0
58·0	...	87·1	...	33·3	5·8	12·9	0·0
..	...	68·4	...	49·5	...	9·1	1·8

* On a thick pad of woollen blanket.

15. RANIKHET (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	33·5	10th & 28th	38·0	14th	25·0	5·9	11·7	0·0
February ...	29·8	21st	39·0	6th & 9th	22·5	7·8	14·0	2·5
March ...	37·8	10th	43·1	18th	29·0	7·4	17·0	1·5
April ...	39·3	30th	44·6	2nd	26·5	11·4	17·5	4·0
May ...	46·9	25th	58·2	9th	39·8	11·9	20·4	3·4
June ...	54·0	28th	62·2	13th	44·1	11·0	17·3	3·8
July ...	57·1	27th	61·2	5th	51·1	7·7	14·4	1·8
August ...	55·4	18th	60·7	21st	49·6	9·2	13·7	4·4
September ...	49·4	1st	55·4	30th	39·3	13·9	19·4	5·7
October ...	39·5	6th, 7th & 9th.	47·1	22nd	30·0	14·8	20·0	3·9
November ...	32·9	25th	39·5	30th	23·0	17·9	21·0	10·5
December ...	27·6	27th	36·0	31st	22·0	16·9	26·5	6·0
Year ...	41·9	...	62·2	...	22·0	11·3	26·5	0·0
Mean of extremes ...	...	...	48·7	...	33·5	...	17·7	4·0

* On a thick pad of woollen blanket.

16. MEERUT (*corrected*).*

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
42·4	11th	52·0	5th	34·0	3·9	6·5	1·5
40·2	22nd	50·0	11th, 12th & 17th.	35·0	5·4	7·1	3·0
52·9	20th	62·0	3rd	46·0	5·0	8·5	3·0
58·7	27th	66·0	1st	48·0	5·2	8·9	2·0
68·3	26th	82·0	9th	60·0	4·1	7·9	0·9
76·0	26th	87·0	3rd, 8th & 9th.	71·0	3·5	6·8	0·8
79·3	23rd	85·5	3rd & 4th	73·0	3·2	11·3	0·5
79·8	9th	85·0	21st	70·9	3·8	9·1	1·0
74·2	9th	81·0	29th	64·3	4·1	9·2	2·3
62·2	5th	76·2	26th	51·7	3·4	7·1	1·0
55·2	25th	62·8	30th	45·6	2·8	4·4	1·4
46·5	25th	56·0	11th	39·1	2·2	3·9	1·2
61·3	...	87·0	...	34·0	3·9	11·3	0·5
...	...	70·5	...	53·2	...	7·6	1·5

* On a thick pad of woollen blanket.

17. BAREILLY (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Observations not recorded.							
February ...	37·1	7th	49·1	17th	28·1	10·1	13·7	2·8
March ...	49·6	21st	60·4	3rd	38·1	9·3	13·6	1·0
April ...	55·0	13th	62·4	2nd	45·1	11·9	18·3	0·1
May ...	57·4	31st	68·5	17th	47·3	18·3	23·3	11·9
June ...	63·1	26th	70·4	18th	54·1	18·4	26·7	11·5
July ...	No observations.							
August ...	Ditto.							
September ...	72·4	1st & 9th	79·9	17th	67·3	6·0†	9·4	1·7
October ...	No observations.							
November ...	Ditto.							
December ...	42·8	10th	56·3	7th	32·1	7·9	18·8	2·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.
† Mean of 22 days.

18. AGRA (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	41·3	29th	53·0	4th, 5th, 21st & 23rd.	34·2	8·4	11·9	4·6
February ...	36·1	22nd	46·0	11th	28·2	11·8	13·8	4·7
March ...	53·2	25th	62·0	3rd	42·1	9·7	13·5	4·2
April ...	62·7	29th	69·5	1st, 4th & 8th.	55·9	9·2	13·2	5·0
May ...	Observations incomplete.							
June ...	81·4	17th	88·4	5th & 7th	76·5	6·2	12·0	2·0
July ...	79·4	9th, 10th, 26th & 28th.	83·4	4th	57·6	4·6	19·9	2·0
August ...	81·6	9th & 17th	86·4	22nd	75·5	4·6	6·5	2·6
September ...	74·8	8th	82·4	22nd	62·6	6·4	16·9	2·0
October ...	63·2	2nd	75·5	26th & 27th	51·7	7·6	11·4	1·0
November ...	54·1	6th	61·6	30th	42·3	9·4	13·3	3·9
December ...	44·8	10th	57·6	13th	34·5	7·3	16·6	1·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

19. LUCKNOW (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	41·8†	12th	58·0	14th	34·2	8·0	11·8	0·6
February ...	38·5‡	7th & 22nd	52·4	17th	30·2	9·5	17·9	0·7
March ...	51·8	11th & 13th	60·4	23rd	41·3	8·1	14·8	0·6
April ...	59·3§	27th	72·2	1st	44·3	8·9	15·9	2·1
May ...	68·6‖	27th	79·6	2nd & 6th	62·4	7·6	15·6	1·1
June ...	75·9	25th, 28th & 29th.	82·0	8th	69·5	5·7	9·6	1·9
July ...	78·0	7th & 29th	82·5	16th	74·7	4·4	7·8	1·2
August ...	77·9	14th	85·0	29th	70·7	4·2	7·6	1·2
September ...	72·6	7th	79·3	30th	58·5	6·0	11·5	0·2
October ...	60·1	3rd	72·2	27th	43·8	7·0	13·9	0·6
November ...	49·3	26th	57·5	13th	43·3	9·1	14·3	5·0
December ...	40·4	10th	53·5	3rd, 4th & 13th.	31·2	9·6	15·5	2·8
Year ...	59·5	...	85·0	...	30·2	7·3	17·9	0·2
Mean of extremes ...	...	...	69·5	...	50·3	...	13·0	1·5

* On a thick pad of woollen blanket.
† Mean of 28 days.
‡ Mean of 26 days.
§ Mean of 29 days.
‖ Mean of 30 days.

20. GORAKHPUR (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	52·6	15th & 25th	60·1	1st, 5th & 17th.	47·1	10·0	15·0	7·0
April ...	60·5	19th, 20th, 28th & 30th.	66·2	2nd	46·1	9·0	13·9	2·0
May ...	69·1	27th	79·2	1st	60·1	7·0	12·8	1·8
June ...	78·7	25th	84·2	3rd & 8th	73·2	2·7	9·8	1·8
July ...	77·5	10th	82·2	30th	74·2	3·1	6·8	1·8
August ...	76·3	6th, 10th & 14th.	78·2	20th	70·2	3·7	6·8	0·8
September ...	74·0	22nd	78·2	13th	66·2	4·5	10·8	0·8
October ...	63·5	5th	74·2	26th	50·5	4·8	9·8	0·3
November ...	54·0	7th	57·9	16th	50·9	5·6	8·4	2·5
December ...	45·7	20th	56·9	17th	34·9	5·1	11·5	0·8
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

21. JHANSI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Observations incomplete.							
June ...	78·5	11th	82·4	5th	70·4	6·5	10·4	2·2
July ...	78·4	12th	81·6	5th	74·4	4·0	6·2	1·3
August ...	78·4	16th	81·4	3rd & 28th	75·4	4·4	6·9	1·7
September ...	75·1	8th	78·4	30th	71·8	4·2	6·9	0·3
October ...	65·9	2nd	73·4	26th	55·4	5·3	9·1	1·4
November ...	57·3	26th	61·9	30th	53·9	6·6	9·4	1·9
December ...	51·1	9th & 25th	58·4	12th	43·4	3·5	10·4	0·7
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

22. NOWGONG (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Register incomplete.							
August ...	75·7†	9th	80·5	28th	71·7	5·1	10·4	2·3
September ...	70·2	9th	77·9	30th	60·8	7·3	16·3	1·3
October ...	57·9	6th	72·2	27th	41·7	10·2	18·1	2·4
November ...	46·8‡	26th	56·6	30th	40·6	12·5	14·2	9·4
December ...	42·2	10th	63·6	14th	28·4	10·0	15·8	2·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.
† Mean of 26 days.
‡ Mean of 26 days.

23. SUTNA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	47·8	12th	60·1	2nd	36·5	4·1	7·5	1·3
February ...	41·9	22nd	62·1	15th	32·7	7·2	12·4	0·1
March ...	56·4	26th	64·1	5th	48·8	6·1	8·7	3·3
April ...	64·2	19th, 24th & 30th.	68·3	1st	54·8	5·3	8·7	1·2
May ...	71·6	28th	84·6	8th	61·3	4·6	8·6	0·7
June ...	79·7	23rd	85·1	28th	74·9	4·4	7·5	0·6
July ...	77·1	11th & 29th	82·1	19th	72·0	2·8	6·3	0·7
August ...	76·3	16th	81·7	28th	71·7	2·6	4·0	0·7
September ...	71·4	7th	77·9	13th & 30th	66·3	4·2	6·4	1·1
October ...	61·9	3rd	73·7	27th	48·1	5·5	8·6	1·2
November ...	51·9	27th	58·1	30th	47·3	6·2	9·0	4·3
December ...	46·7	10th & 11th	60·6	14th	32·3	5·3	7·9	0·0
Year ...	62·2	...	85·1	...	32·3	4·9	12·4	0·0
Mean of extremes ...	...	...	71·5	...	53·9	...	8·0	1·3

* On a thick pad of woollen blanket.

24. ALLAHABAD (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	42·8	12th	59·2	3rd	31·0	7·8	12·4	1·4
February ...	38·8	22nd	55·6	15th	30·4	10·4	14·0	3·2
March ...	50·8	15th	60·3	3rd	40·8	10·7	13·5	4·2
April ...	60·5	24th	69·9	2nd	47·5	9·3	12·2	3·1
May ...	68·8	17th	79·3	10th	61·3	9·3	18·2	3·7
June ...	76·7	21st	84·0	11th & 14th	72·4	6·3	9·7	0·6
July ...	78·7	23rd	82·7	4th	74·1	3·9	7·7	0·7
August ...	78·1	14th	82·0	28th	72·3	3·7	6·0	0·6
September ...	71·5	1st	77·3	29th	60·3	6·4	11·9	0·2
October ...	59·8†	9th	72·0	26th	43·6	8·4	13·5	0·8
November ...	49·3	27th	56·1	3rd	44·4	10·5	13·1	7·4
December ...	42·4	10th	59·1	15th	31·8	9·4	13·7	2·2
Year ...	59·8	...	84·0	...	30·4	8·0	18·2	0·2
Mean of extremes ...	...	...	69·8	...	50·8	...	12·2	2·3

* On a thick pad of woollen blanket.
† Mean of 25 days.

25. BENARES (*corrected*).*

MONTH.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	44·6	12th	58·9	2nd	35·9	5·8	9·7	0·8
February ...	41·6	22nd	54·0	15th & 18th	34·3	7·3	10·5	1·6
March ...	53·4	15th	63·5	4th	44·7	7·8	14·1	0·2
April ...	61·5	30th	71·0	2nd	49·4	9·2	12·7	6·0
May ...	71·1	28th	79·0	10th	61·5	7·6	11·9	1·0
June ...	76·3	21st	89·5	4th & 14th	73·5	4·2	7·9	1·9
July ...	77·4	29th	82·0	24th	72·8	3·1	5·4	0·3
August ...	76·3	17th	81·4	20th	72·4	3·6	6·8	0·6
September ...	72·1	6th	77·0	30th	62·6	5·6	9·9	2·1
October ...	60·2	4th & 5th	73·9	27th	47·2	7·6	16·3	1·2
November ...	49·1	8th	55·3	29th	44·2	9·6	11·3	7·4
December ..	41·6	10th	58·5	15th & 22nd	31·4	9·5	13·2	3·4
Year ...	60·4	...	89·5	...	31·4	7·7	16·3	0·2
Mean of extremes...	...	...	70·3	...	52·5	...	10·8	2·2

* On a thick pad of woollen blanket.

26. SIBSAGAR (*corrected*).*

MONTH.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	44·1	14th	54·7	9th	37·4	3·2	6·6	0·4
February ...	48·9	23rd	56·7	15th	41·8	1·6	4·5	0·5
March ...	54·7	16th	62·9	8th	47·6	2·4	6·9	0·7
April ...	61·9	26th	69·8	3rd	52·6	2·7	4·6	0·7
May ...	68·0	29th	74·5	10th	63·4	2·1	4·1	0·9
June ...	74·3	17th	77·2	4th	67·2	2·4	4·3	1·2
July ...	76·0	4th	78·9	12th	72·3	1·8	3·6	0·7
August ...	76·1	12th	80·5	29th	70·1	2·1	4·5	0·2
September ...	73·8	7th	76·7	6th & 30th	70·1	1·8	5·4	0·2
October ...	66·1	12th	70·5	26th	60·1	3·0	5·5	0·5
November ...	56·2	3rd	67·1	13th	49·2	4·7	8·4	1·4
December ..	47·6	31st	53·4	20th	44·2	4·9	7·6	1·0
Year ...	62·3	...	80·5	...	37·4	2·7	8·4	0·2
Mean of extremes...	...	...	68·6	...	56·3	...	5·5	0·7

* On a thick pad of woollen blanket from 6th March.

27. GOALPARA (*corrected*).*

MONTH.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	51·4	22nd	57·1	10th	47·4	2·3	5·5	0·2
February ...	51·0	28th	62·0	11th	43·0	3·4	6·4	0·9
March ...	58·5	29th	65·0	18th	51·7	4·8	10·8	0·5
April ...	63·3	25th	69·7	1st	53·5	3·3	7·5	0·6
May ...	66·7	28th	73·2	5th	63·6	1·9	4·5	0·2
June ...	74·8	22nd	77·1	3rd	69·7	1·9	4·3	0·0
July ...	75·9†	5th	78·1	18th & 25th	73·9	1·8	3·7	0·0
August ...	75·5	30th	78·7	20th	73·0	2·4	4·5	0·0
September ...	73·4‡	20th	75·7	30th	68·9	2·1	4·6	0·2
October ...	66·7	8th	72·3	23rd	60·0	3·7	7·0	0·9
November ...	59·5	2nd	67·3	30th	54·4	4·2	7·8	1·5
December ...	53·2	11th	59·5	13th	48·2	3·1	7·5	0·1
Year ...	64·2	...	78·7	...	43·0	2·9	10·8	0·0
Mean of extremes...	...	...	69·6	...	58·9	...	6·1	0·4

* On a thick pad of woollen blanket from 3rd March.
† Mean of 25 days.
‡ Mean of 27 days.

28. DARJEELING (*corrected in part*).*

MONTH.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	29·5	21st	33·0	13th	26·0	6·2	11·5	5·4
February ...	Observations incomplete.							
March ...	33·2	9th & 10th	42·1	6th	26·0	10·9	16·6	3·3
April ...	38·9	14th	46·1	1st & 2nd	29·0	8·6	15·9	2·5
May ...	46·4	25th	55·1	16th	36·0	7·1	16·4	2·7
June ...	53·2	29th	59·1	5th	46·1	6·1	10·2	2·2
July ...	56·6	18th	60·1	2nd	52·1	4·0	6·2	1·4
August ...	56·2	20th	59·2	27th	51·3	4·2	6·9	1·6
September ...	53·5	5th	59·8	30th	44·9	4·4	8·4	1·3
October ...	45·2	2nd	52·4	25th	37·5	6·3	11·6	2·3
November ...	38·4	3rd	40·9	30th	33·6	6·6	9·5	5·3
December ...	33·4	21st	38·2	16th	28·9	6·2	11·4	3·7
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* { Corrected from March.
{ On a thick pad of woollen blanket from March.

29. PURNEA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	44·0	13th & 14th	55·0	28th	30·7	Dry minimum not recorded.		
February ...	40·9	8th	54·0	17th	33·4	Ditto.		
March ...	54·2†	26th	64·4	5th	41·9	6·7	11·2	2·9
April ...	59·6	29th	69·4	2nd	46·6	7·0	11·4	3·4
May ...	69·6	24th	75·2	2nd, 3rd, 9th & 10th.	64·4	3·6	8·0	0·0
June ...	Observations incomplete.							
July ...	76·6‡	16th	79·9	8th & 25th	72·9	2·4	4·9	0·2
August ...	Observations rejected.							
September ...	75·0	4th	80·0	13th	70·9	3·0	5·4	0·9
October ...	65·5	7th	73·9	30th	55·7	5·3	11·3	1·2
November ...	52·3	1st & 4th	59·8	30th	45·8	8·5	11·3	2·4
December ...	44·0	8th	53·8	13th	34·7	7·7	11·3	4·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 12th February.
† Mean of 28 days. ‡ Mean of 27 days.

30. DURBHANGA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	44·5	12th	53·9	25th	37·4	8·8	12·4	3·3
February ...	40·9	8th	52·2	17th	33·7	10·4	15·5	2·7
March ...	51·9	25th	62·7	1st	40·8	10·6	14·6	6·0
April ...	Observations rejected.							
May ...	68·7	23rd & 25th	73·7	9th	60·2	6·4	13·1	2·1
June ...	70·1	17th	74·2	12th	62·7	9·9	14·4	3·2
July ...	65·7†	1st & 7th	70·7	9th	61·4	13·8	16·4	9·8
August ...	63·5	14th	70·7	18th, 19th & 30th.	59·1	16·6	20·4	7·8
September ...	59·7	2nd	64·2	13th	55·8	19·3	22·0	15·9
October ...	60·9	10th	72·4	24th	50·6	9·5	14·1	2·9
November ...	51·2	25th	55·8	30th	41·5	12·8	15·6	9·3
December ...	Observations incomplete.							
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 16th February.
† Mean of 24 days.

31. PATNA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	48·0	12th	58·5	2nd	40·7	3·9	6·4	1·7
February ...	45·1	8th	53·9	15th	39·9	4·2	11·4	0·9
March ...	54·0	13th	62·1	1st	46·1	8·0	12·4	3·0
April ...	62·4	28th	77·3	2nd	47·3	9·1	16·4	3·3
May ...	68·6	26th	75·0	9th	59·9	7·9	13·0	3·9
June ...	75·3	23rd	80·3	2nd	69·2	6·9	8·8	5·4
July ...	76·1	10th	79·5	2nd	69·8	4·1	7·4	2·0
August ...	77·7	7th & 13th	80·7	9th	74·2	2·5	3·3	0·7
September ...	76·9	20th	80·9	30th	72·3	2·6	7·1	0·5
October ...	67·7	5th	75·3	24th	56·7	3·1	5·4	0·7
November ...	57·5	1st, 7th & 25th.	62·5	30th	51·1	3·6	7·2	2·0
December ...	48·2	11th	60·3	13th & 17th	39·1	3·3	14·0	1·2
Year ...	63·1	...	80·9	...	39·1	4·9	16·4	0·5
Mean of extremes ...	...	...	70·5	...	55·5	...	9·4	2·1

* On a thick pad of woollen blanket from 16th February.

32. GYA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	49·2	31st	61·3	8th	43·3	4·7	9·1	1·9
February ...	47·4	1st	56·1	15th	42·4	4·6	9·1	1·5
March ...	56·4	14th	67·3	1st	45·9	7·3	14·1	0·3
April ...	64·9†	28th	75·0	2nd	53·3	6·0	17·1	0·5
May ...	70·8	23rd	76·6	3rd & 9th	62·1	5·4	11·9	0·0
June ...	76·5‡	17th	80·6	20th	70·4	4·3	12·0	0·2
July ...	77·1	29th	80·4	17th	73·2	3·3	8·0	0·1
August ...	76·2	17th	81·2	9th	73·6	2·8	5·8	0·7
September ...	74·3	6th	79·2	30th	71·2	5·2	8·6	1·8
October ...	64·4	3rd	74·4	27th	51·1	6·6	11·8	0·9
November ...	53·1	1st	65·3	30th	46·7	10·3	13·5	4·5
December ...	45·9	11th & 31st	59·9	14th	35·4	8·2	13·3	1·6
Year ...	63·0	...	81·2	...	35·4	5·7	17·1	0·0
Mean of extremes ...	...	...	71·4	...	55·7	...	11·2	1·2

* On a thick pad of woollen blanket from 23rd February,
† Mean of 27 days. ‡ Mean of 28 days.

33. HAZARIBAGH (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	46·2	13th	57·6	2nd & 3rd	36·7	6·1	12·1	0·1
February ...	44·6†	23rd	54·7	14th	37·7	6·2	11·9	0·8
March ...	54·2	31st	62·4	19th	46·0	7·5	13·4	1·1
April ...	61·1	27th	68·2	2nd	45·7	6·4	10·3	2·1
May ...	67·7	17th	76·2	3rd	59·4	5·2	10·6	0·6
June ...	73·2	22nd	78·2	4th	68·4	2·6	6·3	0·1
July ...	73·2‡	10th	76·6	8th	69·9	1·3‡	2·8	0·1
August ...	72·1‡	17th & 18th	76·4	27th	66·6	1·7‡	6·8	0·1
September ...	70·8‡	6th	74·2	15th	68·2	2·4‡	4·3	0·3
October ...	61·3	10th	70·4	28th	50·1	5·6	11·2	0·4
November ...	52·6	1st	62·9	20th	46·1	7·4	11·9	3·3
December ...	46·0	11th	58·4	22nd	36·7	6·3	11·3	2·6
Year ...	60·2	...	78·2	...	36·7	4·9	13·4	0·1
Mean of extremes...	...	...	68·0	...	52·6	...	9·4	1·0

* On a thick pad of woollen blanket from 24th February.
† Mean of 25 days. ‡ Mean of 26 days.

34. BERHAMPORE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	52·4	31st	61·8	1st	47·8	2·7	5·4	0·4
February ...	Observations incomplete.							
March ...	Ditto.							
April ...	65·3	30th	72·8	3rd	55·1	5·6	11·1	3·0
May ...	72·7	26th	79·8	2nd	65·4	4·0	11·2	0·8
June ...	76·4	22nd	81·3	2nd	72·3	2·1	4·7	0·0
July ...	76·5	23rd	80·1	7th	70·8	2·4	4·6	1·0
August ...	76·8	27th	79·3	18th	71·8	2·0	5·0	0·7
September ...	77·0	19th	80·3	13th	71·3	2·0	4·2	0·8
October ...	69·9	12th	74·3	25th & 26th	62·2	3·8	7·5	1·0
November ...	60·4	2nd	69·2	30th	52·6	5·5	7·6	2·5
December ...	48·0	11th	61·2	16th	38·6	8·0	12·0	3·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 11th February.

35. BURDWAN (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	47·7	31st	61·9	1st	39·9	8·5	13·4	0·8
February ...	45·2	24th	56·4	10th & 19th	35·9	10·3	17·0	0·4
March ...	Observations incomplete.							
April ...	64·2†	16th	71·2	4th	56·9	7·7†	13·1	2·1
May ...	73·9‡	21st	78·8	15th	68·0	4·4‡	8·6	0·4
June ...	75·1	22nd	78·6	2nd	70·3	4·2	9·6	1·7
July ...	75·2	23rd	77·4	9th	71·1	3·9	5·7	2·1
August ...	76·4	17th	80·2	21st	73·1	2·7	6·0	0·6
September ...	75·3	18th & 20th	78·0	2nd, 15th, 16th & 24th.	72·7	4·1	6·7	1·1
October ...	66·4	11th	74·5	25th	55·8	7·9	11·9	2·1
November ...	55·5	1st	67·1	18th	49·8	11·0	14·4	1·1
December ...	44·1	12th	58·9	16th & 18th.	33·9	13·5	17·9	4·6
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 5th February.
† Mean of 21 days. ‡ Mean of 25 days.

36. JESSORE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	45·1	31st	61·7	3rd	40·5	8·6	13·3	4·1
February ...	44·8	1st	62·6	18th	36·3	9·3	13·8	0·0
March ...	60·5†	23rd	72·3	1st.	44·7	7·2	11·2	2·3
April ...	67·5	21st	74·2	4th	58·0	5·9	7·7	3·7
May ...	72·8‡	24th	77·8	1st & 27th	68·3	3·9‡	7·5	1·4
June ...	75·8	22nd	80·0	2nd	69·9	3·0	7·1	1·1
July ...	76·0	17th & 19th	79·1	15th	72·3	2·2	3·5	0·8
August ...	76·0	15th	78·8	10th	72·2	2·1	5·2	0·7
September ...	76·2	4th	79·0	14th	72·7	2·8	4·5	1·3
October ...	68·1	1st	75·2	28th	59·0	6·3	15·8	0·9
November ...	56·5	1st	63·2	15th & 16th	53·5	8·8	13·1	7·3
December ...	45·8	9th	55·6	16th & 17th	35·5	9·9	15·0	3·2
Year ...	63·8	...	80·0	...	35·5	5·8	15·8	0·0
Mean of extremes...	...	...	71·6	...	56·9	...	9·8	2·2

* On a thick pad of woollen blanket from 9th February.
† Mean of 23 days. ‡ Mean of 22 days.

TABLE II.—NOCTURNAL RADIATION TEMPERATURES, 1877.

37. Dacca (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	45·9	31st	58·2	1st	40·3	10·0	12·5	3·5
February ...	43·3	1st	58·7	16th	32·3	12·0	19·0	1·4
March ...	57·3	24th	67·8	1st	42·4	10·2	17·9	5·2
April ...	64·2	21st	74·9	5th	54·6	7·0	10·7	4·4
May ...	70·6	24th	79·3	1st	61·3	4·9	8·3	1·1
June ...	75·4	22nd	79·4	3rd & 4th	70·4	2·8	6·9	0·2
July ...	76·5	18th	78·6	6th	72·3	2·9	5·8	0·3
August ...	76·0	16th	79·4	23rd	73·5	3·1	8·7	1·4
September ...	74·1	1st, 4th & 6th	76·4	13th	69·3	4·8	8·0	1·7
October ...	64·8	11th	71·6	25th	54·7	9·6	15·9	4·0
November ...	55·3	1st & 3rd	67·3	12th	50·0	11·3	14·6	6·5
December ...	45·9	9th	56·7	17th	40·1	11·9	15·4	4·3
Year ...	62·4	...	79·4	...	32·3	7·5	19·0	0·2
Mean of extremes...	...	...	70·7	...	55·1	...	12·0	2·8

* On a thick pad of woollen blanket from 11th February.

38. Silchar (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Instrument broken.							
February ...	47·7	2nd	59·9	20th & 21st	40·5	5·4	10·7	0·4
March ...	57·5	23rd & 28th	66·1	3rd	46·0	5·3	10·9	0·8
April ...	64·5	26th	72·1	3rd	56·9	3·2	5·5	1·2
May ...	69·0	25th	75·1	5th	62·1	2·9	5·4	0·9
June ...	74·9	23rd & 29th	78·1	3rd	69·1	2·0	5·5	1·0
July ...	75·8	5th	78·3	24th	71·9	1·5	3·0	0·0
August ...	74·5	16th	77·0	21st	70·1	2·7	7·6	1·1
September ...	74·0	3rd	76·6	30th	69·1	2·2	4·8	0·3
October ...	66·4	27th	71·0	24th	56·0	4·4	7·0	1·2
November ...	59·2	2nd	71·5	22nd	51·0	6·3	8·4	1·7
December ...	47·3	9th	55·5	18th	40·3	8·0	10·1	4·7
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 17th February.

39. Chittagong (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	49·7	14th	56·5	25th	44·4	6·4	13·3	3·3
February ...	48·2	3rd	58·5	17th & 19th	35·4	8·5	15·0	1·3
March ...	56·1	28th	65·0	1st to 3rd	47·4	8·8	15·9	2·3
April ...	59·5†	30th	67·5	4th	52·5	10·0	15·3	3·9
May ...	61·4	18th	68·6	27th	56·5	13·7	17·6	3·1
June ...	61·6	25th	66·5	2nd	57·5	15·0	18·6	10·8
July ...	59·8	18th	64·5	25th	53·5	16·4	22·3	11·4
August ...	55·3	5th	58·5	20th	51·5	20·4	26·6	15·3
September ...	55·8	18th & 25th	58·9	15th	52·1	20·2	25·9	16·3
October ...	54·3	11th	59·1	25th & 30th	50·5	17·5	24·8	13·1
November ...	52·5	2nd, 3rd & 30th.	58·5	9th	45·9	13·6	19·6	7·1
December ...	50·0	1st	55·7	4th	44·9	8·2	14·1	3·8
Year ...	55·4	...	68·6	...	35·4	13·2	26·6	1·3
Mean of extremes...	...	...	61·5	...	49·3	...	19·1	7·6

* On a thick pad of woollen blanket from 16th February.
† Mean of 26 days.

40. Alipore (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	68·8	16th	75·4	2nd	58·7	4·6	8·2	1·2
May ...	73·4	24th	78·9	7th	66·2	3·7	7·4	1·3
June ...	76·1	11th	80·5	2nd	71·4	2·4	4·8	0·0
July ...	76·3	4th	80·0	9th	72·1	1·7	3·6	0·3
August ...	77·1	17th & 18th	81·4	21st	72·7	1·4	4·1	0·3
September ...	75·6	4th & 6th	77·1	23rd	73·6	2·7	4·7	0·5
October ...	68·0	11th	74·7	25th	57·9	6·2	12·9	1·3
November ...	57·1	1st	68·2	14th	53·0	8·8	10·8	4·0
December ...	49·0	12th	59·2	16th	38·1	8·9	13·0	4·0
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

41. SAUGOR ISLAND (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ..	54·0	30th	66·0	4th	47·1	5·1	8·8	0·7
February ...	56·1	1st	69·0	11th	47·9	4·8	9·0	0·9
March ...	69·8	23rd	75·0	1st	57·8	4·9	9·6	0·9
April ...	73·4	22nd & 26th	78·4	8th	60·6	4·4	8·7	0·6
May ...	75·8	24th	81·9	7th & 31st	68·4	3·9	8·2	1·2
June ...	78·0	22nd	85·2	2nd	73·4	3·4	8·4	0·8
July ...	77·9	6th	83·4	9th	73·8	2·7	5·1	1·0
August ...	77·2	17th	81·9	21st	71·9	2·6	4·3	0·3
September ...	76·9	18th	80·9	3rd	73·2	3·6	6·7	1·3
October ...	70·8	1st	79·1	28th	61·7	5·7	9·7	0·6
November ...	61·9	29th	71·2	13th	56·9	7·8	10·7	3·8
December ...	54·8	1st	69·6	23rd	42·7	6·7	11·5	1·0
Year ...	68·9	...	85·2	...	42·7	4·6	11·5	0·3
Mean of extremes...	...	...	76·8	...	61·3	...	8·4	1·1

* On a thick pad of woollen blanket from 28th February.

42. CUTTACK (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ..	51·6	14th	65·3	2nd	39·0	8·9	13·8	1·5
February ...	55·2	7th	64·7	19th	47·6	8·3	15·7	0·0
March ...	Observations incomplete.							
April ...	Ditto.							
May ...	70·7	28th	75·5	8th	62·2	7·7	10·8	2·3
June ...	74·0	20th	79·1	4th	70·0	5·5	8·3	1·7
July ...	73·1	18th	77·7	25th & 26th	69·2	6·3	11·9	3·2
August ...	72·5	9th & 18th	74·6	22nd	68·6	6·3	8·5	4·5
September ...	70·9	9th	73·6	14th	68·0	7·4	10·0	4·8
October ...	66·5	2nd	72·7	28th	60·2	8·9	11·4	6·6
November ...	55·3	1st	64·8	13th	48·8	11·5	13·9	8·0
December ...	52·8	5th	60·0	17th	42·2	11·3	13·8	8·8
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 16th February.

43. FALSE POINT (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	60·6	1st	70·7	24th	54·9	7·3	10·1	2·7
December ...	55·8	3rd	64·0	18th	45·9	7·3	11·6	2·6
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

44. SAMBALPUR (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	54·5	30th & 31st	64·1	1st	40·6	3·8	6·6	1·1
February ...	58·3	22nd	64·1	10th	49·6	3·9	6·7	1·6
March ...	62·2	27th	71·1	5th & 6th	55·6	4·6	13·7	1·6
April ...	68·8	26th	75·6	2nd & 4th	63·1	3·3	5·7	1·2
May ...	73·6	29th	80·6	2nd	65·1	4·2	7·3	1·8
June ...	78·9	24th	84·6	13th	72·6	2·5	4·8	0·7
July ...	75·4	17th & 18th	78·6	11th	66·6	2·4	4·8	0·7
August ...	74·6	1st, 6th, 14th & 18th	76·1	12th	72·1	2·2	4·3	0·2
September ...	74·5	6th	77·6	17th	72·1	2·4	5·3	0·8
October ...	70·2	1st, 6th & 10th	74·6	29th	58·6	2·9	4·7	1·2
November ...	58·2	2nd	71·1	5th, 7th, 13th & 21st	52·6	4·6	7·6	1·2
December ...	58·0	12th	66·1	28th	49·1	3·8	6·1	0·1
Year ...	67·3	...	84·6	...	40·6	3·4	13·7	0·1
Mean of extremes...	...	...	73·7	...	59·8	...	6·4	1·0

45. RAIPUR (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Observations incomplete.							
April ...	64·1	24th	70·1	1st	57·0	6·5	13·5	1·2
May ...	71·1	26th, 27th & 29th	77·1	3rd	64·9	4·6	14·2	1·2
June ...	69·6	1st	78·1	29th	60·1	8·6	13·2	3·2
July ...	61·1	3rd	69·1	27th & 30th	57·0	13·5	17·3	7·2
August ...	55·5	2nd & 15th	60·1	6th	49·0	17 5	23·2	12·2
September ...	53·1	2nd & 3rd	58·0	19th	49·0	21·3	25·3	15·3
October ...	63·5	11th	70·1	28th	54·0	6·1	11·2	1·2
November ...	55·3	1st	67·1	4th,5th,14th, 22nd & 23rd	50·0	5·9	10·3	0·2
December ...	56·6	11th	64·1	28th	48·0	4·7	8·3	0·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

46. NAGPUR (*corrected*).*

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
48·7	17th, 20th & 30th	60·9	1st	33·5	7·8	14·2	0·5
50·0	26th	62·2	10th	38·1	9·0	13·6	3·0
56·4	24th	67·8	5th	45·9	10·0	13·8	3·4
62·2	13th	67·3	1st	52·0	8·2	15·2	1·0
68·2	31st	79·1	8th & 9th	58·4	9·2	20·2	1·3
73·2	17th	83·1	2nd & 3rd	68·5	4·3	9·8	0·0
71·3	2nd	74·3	23rd	67·8	3·4	7·2	0·0
70·2	1st	74·4	21st	66·5	3·7	8·8	0·3
67·8	9th	71·8	13th	63·5	5·8	9·3	0·6
62·1	9th	72·5	29th	46·1	6·7	11·7	0·6
No observations.							
Ditto.							

* On a thick pad of woollen blanket from 3rd March.

47. SEONI (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	†59·0	11th & 13th	65·4	16th	54·3	9·0	15·0	3·0
May ...	65·7	29th & 31st	72·5	1st	57·4	7·9	12·0	3·9
June ...	71·4	17th	78·5	2nd	67·5	4·8	10·9	1·9
July ...	69·5	3rd,11th,12th & 25th	72·5	21st & 23rd	65·4	3·8	7·0	0·9
August ...	68·7	1st, 8th, 10th, 28th & 30th	70·5	20th	65·4	3·4	6·9	0·9
September ...	66·5	7th	71·5	13th	59·4	5·0	13·0	0·9
October ...	61·0	21st	69·5	27th	48·4	5·4	10·1	0·9
November ...	49·6	2nd	57·4	12th	44·5	8·3	14·0	4·9
December ...	52·9	5th & 7th	60·4	13th & 28th	44·5	5·9	9·7	1·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 16th March.
† Mean of 21 days.

48. JUBBULPORE (*corrected*).*

Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
	Day.	°	Day.	°	Mean.	Maximum.	Minimum.
48·8	25th	63·5	1st & 2nd	35·0	3·2	6·0	0·1
48·6	27th	60·5	13th	40·9	3·2	8·9	0·1
57·2	25th	67·4	18th	50·4	5·3	9·9	2·4
63·8†	24th	72·8	1st	56·5	4·5	7·8	1·1
71·1	30th	77·9	6th	62·9	5·2	14·5	1·1
75·6	19th	80·8	30th	61·4	4·2	13·5	0·4
73·5‡	10th	76·6	23rd	69·6	3·1	10·6	0·5
Observations rejected.							
68·9	6th	72·2	29th & 30th	66·0	4·3	7·4	0·9
58·5	9th	70·9	28th	40·6	7·4	14·1	1·9
43·7	28th	47·7	23rd	39·0	11·5	17·1	9·3
45·9	10th	53·6	14th	34·0	9·5	15·2	2·3
...	...	...	...	...	...	...	..
...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 5th June.
† Mean of 25 days. ‡ Mean of 27 days.

49. SAUGOR (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto							
March ...	Observations incomplete.							
April ...	62·2	25th	66·9	8th	55·1	5·6	11·6	1·6
May ...	67·9	26th	76·9	10th, 12th & 13th.	63·0	7·4	10·9	0·0
June ...	67·3	1st, 14th & 16th.	69·9	7th	64·0	10·4	17·8	1·9
July ...	70·5	26th	73·9	3rd, 13th, 15th & 16th.	67·9	4·2	6·9	1·9
August ...	70·2	1st & 12th	73·9	20th & 28th.	67·9	3·4	6·9	0·9
September ...	68·6	10th, 29th & 30th.	71·9	18th	61·0	4·4	8·8	0·9
October ...	64·1	4th	71·9	30th	52·1	4·0	10·8	1·0
November ...	51·6	5th & 9th	55·1	30th	46·2	11·5	14·8	9·8
December ...	48·6	20th	55·1	12th	38·3	7·9	11·8	3·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes..	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.
† Mean of 27 days.

50. PACHMARHI (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	41·0	26th	52·8	3rd	23·0	7·3	12·9	1·9
February ...	42·8	21st	59·1	11th	31·3	6·4	12·6	1·4
March ...	51·2	25th	62·7	3rd	41·9	8·0	12·0	3·7
April ...	57·1	7th	65·3	2nd	47·6	8·7	14·6	5·0
May ...	64·9	22nd	76·4	5th	56·4	7·7	13·1	1·7
June ...	68·9	17th	74·8	30th	65·1	5·1	10·3	0·5
July ...	66·9	11th	70·2	20th to 23rd	65·3	2·1	4·8	0·0
August ...	65·2†	25th	68·3	19th	63·4	2·9	6·3	0·1
September ...	62·3	7th	68·7	17th	55·9	5·2	9·3	0·8
October ...	Observations incomplete.							
November ...	40·0	30th	46·9	12th	35·5	12·1	14·3	10·0
December ...	46·7	7th	56·9	13th	31·5	8·2	13·4	0·4
Year ...	...	...	...	...	...	...	...	...
Mean of extremes..	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 18th May.
† Mean of 28 days.

51. HOSHANGABAD (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	48·0	26th	60·4	10th	41·7	6·4	13·0	1·0
March ...	56·7	13th	64·4	16th to 18th	50·3	7·9	14·9	2·8
April ...	62·8	24th	72·5	1st	51·3	9·1	18·9	1·7
May ...	71·4	20th & 29th	78·5	5th	63·4	7·3	13·7	0·2
June ...	76·1	23rd	80·0	17th & 18th	72·5	4·4	9·5	0·2
July ...	74·8	12th	80·5	15th	71·5	1·9	6·7	0·2
August ...	73·2†	23rd	77·3	17th	70·5	1·8	3·6	0·2
September ...	71·3	3rd	75·4	21st	67·7	3·1	6·3	0·7
October ...	64·4‡	6th	74·5	30th & 31st	52·3	4·3	10·5	0·2
November ...	52·0	10th & 27th	55·3	16th & 23rd	49·8	7·8	9·8	5·5
December ...	54·3	7th	61·4	13th	42·2	5·1	9·1	0·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes..	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 6th June.
† Mean of 27 days. ‡ Mean of 28 days.

52. KHANDWA (*corrected*).†

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	48·9	26th & 28th	59·2	3rd	36·2	4·4	10·0	1·4
February ...	47·9	21st	62·1	9th & 10th	40·3	7·1	12·0	3·2
March ...	57·8	28th	73·2	16th & 17th	46·3	7·0	13·1	2·0
April ...	66·8	24th & 28th	74·2	1st	51·2	5·6	19·2	2·0
May ...	75·5	21st	84·4	5th	65·7	3·7	12·8	0·9
June ...	76·5	17th	82·2	8th	68·4	2·5	6·1	0·0
July ...	73·7	13th	77·2	24th	70·1	2·1	5·8	0·3
August ...	71·3	24th	76·2	19th	67·2	2·4	5·9	0·0
September ...	69·3	8th	74·2	19th	65·2	4·4	8·1	1·2
October ...	61·5	4th	73·2	28th	46·2	5·1	8·1	1·0
November ...	52·4	27th	58·3	17th	48·0	6·0	10·4	2·5
December ...	56·3	7th	65·2	31st	42·5	4·2	11·1	1·0
Year ...	63·2	...	84·4	...	36·2	4·5	19·2	0·0
Mean of extremes..	...	...	71·6	...	53·9	...	10·2	1·3

* On a thick pad of woollen blanket from 5th June.

53. CHIKALDA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	Observations incomplete.							
February ...	No observations.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	53·2	1st	61·2	28th	42·3	10·1	18·4	5·3
November ...	46·0	1st	49·0	4th	42·3	16·8	20·6	8·8
December ...	45·2†	23rd	54·4	11th	39·8	14·7	20·3	9·0
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.
† Mean of 25 days.

54. BULDANA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	48·4	22nd	59·9	2nd	33·0	11·1	24·5	1·2
February ...	52·9	21st	69·1	9th	36·2	8·3	16·5	1·4
March ...	57·1	22nd	65·4	16th	46·4	12·5	19·4	3·5
April ...	63·6	23rd	72·2	1st	53·0	10·0	18·4	1·9
May ...	71·1	16th	77·5	5th	57·3	6·1	15·4	3·2
June ...	70·6	6th	76·5	23rd & 30th	67·1	4·1	9·6	0·2
July ...	68·9	13th	72·2	19th	65·3	3·3	5·5	0·0
August ...	66·4	5th	70·6	28th	60·1	4·2	7·3	0·6
September ...	66·2	1st	70·1	13th	61·1	6·3	12·4	1·3
October ...	59·8	2nd	68·3	27th	44·3	8·7	18·1	2·1
November ...	53·8	29th	64·1	4th	49·2	10·7	14·6	2·7
December ...	56·3	19th	62·8	11th	45·6	7·0	12·7	0·8
Year ...	61·3	...	77·5	...	33·0	7·7	24·5	0·0
Mean of extremes...	...	...	69·1	...	51·5	...	14·5	1·6

* On a thick pad of woollen blanket from 31st May.

55. AKOLA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	48·6	28th	60·8	5th	33·4	6·7	13·7	1·6
February ...	51·1†	20th	64·0	9th	37·9	9·0	14·0	5·3
March ...	55·4‡	28th	72·0	17th	44·6	9·5	14·2	5·1
April ...	62·3	13th	69·4	1st	46·9	9·0	13·1	3·0
May ...	71·7	21st	82·8	6th	63·4	7·4	20·3	0·6
June ...	74·9	5th	82·5	20th	70·0	3·3	7·9	0·0
July ...	72·2	13th	77·0	19th	67·4	3·2	5·6	0·9
August ...	71·9	23rd	76·2	26th	67·3	2·7	5·7	0·1
September ...	68·9	7th	73·6	13th	62·3	5·0	11·1	1·1
October ...	62·0	5th	71·6	27th	43·3	5·3	10·7	0·7
November ...	54·7	29th	69·0	5th	47·8	5·0	8·3	0·1
December ...	59·1	7th	70·2	31st	48·2	4·2	11·8	1·0
Year ...	62·8	...	82·8	...	33·4	5·9	20·3	0·0
Mean of extremes...	...	...	72·4	...	52·7	...	11·4	1·6

* On a thick pad of woollen blanket from 13th February.
† Mean of 25 days. ‡ Mean of 28 days.

56. AMRAOTI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	54·2	30th	63·1	3rd	45·8	3·8	8·0	0·3
February ...	53·6	21st	63·3	9th	44·6	6·0	8·6	3·4
March ...	57·0	28th	70·8	5th	45·1	9·6	16·3	0·1
April ...	62·3	23rd	69·4	1st	49·1	5·8	21·8	2·7
May ...	69·2	21st	77·4	5th	58·9	3·7	15·0	1·9
June ...	72·6	13th	78·5	14th & 25th	68·5	4·0	8·6	0·0
July ...	71·2	12th	76·8	24th	68·9	3·3	6·2	1·3
August ...	70·1	2nd	73·5	26th	66·7	3·1	5·4	0·0
September ...	67·8	7th	71·4	13th	63·8	4·7	8·1	0·5
October ...	Instrument out of order.							
November ...	55·0	30th	65·4	16th	51·1	7·5	13·3	1·9
December ...	59·5	7th	69·6	31st	48·8	4·2	8·4	1·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 21st February.

57. CHANDA (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	52·7	17th	63·0	2nd & 3rd	38·2	5·6	9·3	2·4
February ...	57·4	21st	66·9	9th	46·2	5·3	7·4	0·3
March ...	64·1	28th	72·2	5th & 6th	57·2	6·2	10·9	1·0
April ...	69·1	23rd	75·2	21st	60·4	5·4	10·9	1·1
May ...	74·1	16th & 30th	80·2	2nd	66·2	6·4	12·1	0·1
June ...	78·0	2nd	85·1	7th, 8th, 14th 28th & 30th.	74·2	3·4	8·1	1·1
July ...	74·5	6th	81·3	26th & 27th	71·2	3·1†	6·1	0·1
August ...	73·3	13th	76·2	26th	67·2	3·0	7·1	1·1
September ...	72·9	4th, 6th, 9th to 11th.	75·2	13th & 19th	69·2	2·6	4·1	1·1
October ...	69·0	10th	74·4	29th	53·6	3·1	6·6	0·4
November ...	53·9	2nd	65·4	5th	48·3	6·2	8·5	4·0
December ...	60·2	8th	68·2	28th	53·2	5·0	8·6	0·0
Year ...	66·6	...	85·1	...	38·2	4·6	12·1	0·0
Mean of extremes ...	...	...	73·6	...	58·8	...	8·3	1·1

* On a thick pad of woollen blanket from 14th March.
† Mean of 30 days.

58. SIRONCHA (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	55·6	16th	68·2	4th	42·6	4·6	8·4	1·6
February ...	65·9	7th	69·2	10th	59·4	2·4	8·6	0·0
March ...	68·3	4th	72·6	5th	63·2	3·5	5·7	0·6
April ...	72·8*	15th	77·7	11th	61·8	3·5	11·1	0·4
May ...	77·5†	18th	82·3	1st	68·4	2·5	8·7	0·2
June ...	78·7‡	5th	84·1	9th	71·2	2·3	6·6	0·0
July ...	75·8	7th	81·9	26th	72·0	3·1	7·7	0·0
August ...	75·1	17th	79·1	3rd & 4th	71·2	1·9	5·7	0·8
September ...	74·0	5th	78·1	8th	70·1	1·9	4·8	0·3
October ...	72·7	2nd	77·1	29th	67·3	1·5	3·3	0·7
November ...	61·8	2nd	71·2	5th & 7th	53·6	2·1	10·1	0·2
December ...	65·0	14th	70·2	28th	58·4	1·9	5·7	0·3
Year ...	70·3	...	84·1	...	42·6	2·6	11·1	0·0
Mean of extremes ...	...	...	76·0	...	63·3	...	7·2	0·4

* Mean of 27 days. † Mean of 25 days. ‡ Mean of 26 days.

59. JACOBABAD (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Observations incomplete.							
April ...	56·0	28th	67·3	1st	46·0	11·4	18·4	5·8
May ...	63·3	31st	74·9	15th	56·4	11·5	17·1	5·1
June ...	Instrument broken.							
July ...	No instrument.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	50·3	19th	62·3	26th	33·3	8·7	12·4	3·9
December ...	36·2	8th	54·3	29th	23·5	9·9	16·2	1·3
Year ...								
Mean of extremes ...								

* On a thick pad of woollen blanket.

60. BICKANEER (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Observatory opened, October 1877.							
October ...	60·7	4th	73·6	21st	47·2	12·9	20·5	5·0
November ...	53·4	24th	62·2	30th	35·2	11·7	18·8	4·1
December ...	38·3	28th	54·7	11th	27·7	12·5	21·3	2·3
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

61. HYDERABAD (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Observatory opened, 19th May.							
June ...	79·9	27th	83·5	12th	75·8	1·7	3·3	0·4
July ...	79·4	1st	83·4	14th	77·0	1·5	2·5	0·2
August ...	76·9	2nd	79·8	24th	72·6	1·7	3·5	0·6
September ...	74·1	3rd	82·3	28th	64·7	2·8	9·0	0·3
October ...	63·4	10th	72·2	21st	50·3	7·8	17·8	1·7
November ...	60·3	10th	70·2	25th	45·5	6·2	13·5	2·0
December ...	46·6	7th	60·3	29th	31·0	5·7	13·8	0·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

62. KURRACHEE (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	48·3	29th	60·1	14th	38·1	6·5	10·8	3·8
February ...	51·5	21st	65·5	8th	40·4	6·5	13·9	1·6
March ...	61·9	19th	67·4	1st	54·8	7·4	11·3	0·6
April ...	66·7	12th	72·8	2nd	62·2	7·0	10·3	2·9
May ...	73·5	30th	78·7	9th	67·1	6·3	10·8	2·8
June ...	79·0	26th	84·0	12th	73·1	4·2	6·9	1·8
July ...	78·8	20th	81·0	11th & 14th	76·1	3·3	5·7	1·6
August ...	76·7	13th	79·7	23rd	70·7	3·0	6·9	1·0
September ...	73·5	2nd	78·5	29th	66·4	4·5	9·6	0·9
October ...	63·2	15th	75·5	22nd	52·2	8·5	12·2	3·8
November ...	59·1	4th	69·7	25th	38·8	8·5	13·3	5·4
December ...	49·4	4th	58·9	29th	35·0	6·8	13·1	3·0
Year ...	65·1	...	84·0	...	35·0	6·0	13·9	0·6
Mean of extremes ...	...	...	72·6	...	56·2	...	10·4	2·4

* On a thick pad of woollen blanket from 8th March.

63. BHUJ (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	Observations incomplete.							
February ...	49·2	6th	63·7	9th	36·1	9·1	12·5	0·9
March ...	55·3	27th	68·6	4th	43·0	11·3	20·5	4·4
April ...	64·0	22nd	69·5	1st	53·7	8·3	13·7	4·4
May ...	71·4	20th	78·3	3rd	63·7	6·1	14·5	1·4
June ...	77·1	22nd	80·7	5th	72·9	3·3	6·3	0·8
July ...	77·3	1st & 17th	79·5	26th	74·7	2·4	4·3	0·4
August ...	74·8	18th	77·5	11th	70·9	3·6	6·8	1·4
September ...	71·7	12th	75·9	27th	63·7	4·4	11·0	2·1
October ...	62·5	3rd	74·9	19th	49·9	9·0	14·9	1·3
November ...	56·7	8th	64·7	30th	42·4	10·9	15·1	6·6
December ...	46·4	6th	58·7	11th	33·9	11·1	15·2	4·4
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 3rd March.

64. RAJKOT (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	55·2	23rd	65·3	27th	41·8	10·3	15·2	4·3
December ...	46·4	18th	64·2	29th	31·4	10·2	16·4	2·0
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

65. DEESA (*corrected in part*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	45·1	25th	54·6	12th	33·7	6·0	13·6	2·0
February ...	48·6	22nd	60·3	9th	39·0	5·8	10·2	1·0
March ...	55·7	27th	66·9	31st	43·1	8·1	13·5	0·3
April ...	64·9	10th	72·9	1st	56·0	8·5	18·6	5·4
May ...	72·6	21st	83·0	8th	64·1	6·4	14·2	0·0
June ...	77·4	8th	82·8	20th	71·4	4·8	8·7	1·5
July ...	75·3	2nd	78·4	25th	72·9	4·0	6·7	0·7
August ...	74·0	30th	79·0	15th	69·9	5·2	8·3	1·7
September ...	71·0	2nd	76·9	17th	67·5	5·6	9·3	0·9
October ...	No instrument.							
November ...	55·9	7th	63·5	26th	45·4	8·3	12·3	0·9
December ...	48·9	18th	65·2	10th	33·0	7·6	12·0	3·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 4th March. Corrected from November.

66. MOUNT ABU (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	33·6	29th	49·8	2nd	22·4	16·4	27·4	3·4
February ...	35·9	27th	50·0	10th	25·0	13·4	18·4	2·6
March ...	49·5	25th	59·8	16th	39·5	12·0	18·8	5·4
April ...	56·5	23rd	64·0	19th	48·2	9·7	15·3	2·8
May ...	62·2	20th	71·7	3rd	54·6	6·4	11·8	1·7
June ...	65·6	10th	75·5	1st & 5th	60·7	4·8	13·2	0·0
July ...	64·0†	5th	65·7	31st	60·1	1·4	5·7	0·0
August ...	62·7	31st	69·7	23rd	58·5	2·2	5·7	0·0
September ...	61·3	29th	67·1	23rd	54·7	5·4	15·7	0·0
October ...	52·2	1st	65·7	20th	41·3	11·6	18·6	0·0
November ...	48·1	23rd	57·5	30th	37·0	13·2	18·2	6·2
December ...	40·4	28th	50·8	29th	25·6	13·7	23·1	3·4
Year ...	52·7	...	75·5	...	22·4	9·2	27·4	0·0
Mean of extremes ...	...	...	62·3	...	44·0	...	16·0	2·1

* On a thick pad of woollen blanket from 17th March.
† Mean of 26 days.

67. NEEMUCH (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No instrument.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	57·9	4th	73·1	26th	45·2	7·3	12·3	0·6
November ...	50·1	5th	56·1	30th	41·2	9·7	13·1	5·1
December ...	46·8	18th	62·2	11th	26·6	7·1	11·4	0·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

68. INDORE (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	70·8	13th	74·4	25th	68·0	...	...	...
August ...	69·3	4th	72·9	28th	66·0	...	...	...
September ...	64·2	1st	69·9	18th	57·7	...	...	...
October ...	55·8	6th	68·8	27th	41·1	...	...	...
November ...	47·9	24th	54·0	4th	42·7	...	...	...
December ...	47·4	18th	61·1	12th	29·1	...	...	...
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

69. SURAT (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Observatory opened April 1877.							
April ...	63·7†	24th	69·0	16th	57·1	9·9	13·5	3·9
May ...	71·9	20th	80·4	10th	63·3	6·7	12·0	0·1
June ...	76·5	15th	81·4	22nd	66·4	3·7	7·9	0·0
July ...	76·7	28th	79·6	30th	74·0	3·1	5·0	1·5
August ...	75·7	8th	80·4	26th	68·7	3·6	7·2	0·7
September ...	71·0	2nd	75·4	18th	64·5	6·9	11·8	3·5
October ...	62·5	4th	72·3	23rd	49·7	8·2	13·0	3·7
November ...	55·5	25th	63·5	28th	49·2	9·8	13·3	7·4
December ...	54·8	18th	65·4	30th	40·0	8·3	11·4	3·7
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.
† Mean of 23 days.

70. MALEGAUM (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Observatory opened, 19th May.							
June ...	72·7	14th	80·2	20th	69·5	1·8	3·6	0·8
July ...	71·8	14th	75·8	29th	69·2	3·0	5·8	0·0
August ...	69·4	7th	74·1	26th	63·1	3·1	6·7	1·0
September ...	68·1	9th & 10th	72·9	16th	57·2	3·7	7·4	0·1
October ...	60·8	1st	72·6	27th	46·0	5·8	10·1	0·1
November ...	52·7†	29th	60·1	13th	46·5	7·3	11·9	1·4
December ...	53·5	18th	65·9	31st	37·0	6·8	14·3	3·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.
† Mean of 28 days.

71. BOMBAY (*corrected*).

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	57·4	29th	65·2	5th	51·3	11·6	16·6	5·4
February ...	58·8	7th	68·9	9th	48·3	10·1	14·2	4·9
March ...	64·1	28th	71·8	6th	57·3	9·3	13·3	4·3
April ...	69·4	24th	76·0	2nd	62·2	7·4	11·0	3·1
May ...	75·8	20th	81·6	1st	67·2	4·7	9·6	0·8
June ...	77·8	13th	81·4	15th	72·9	2·6	4·2	1·0
July ...	76·5	9th	79·1	15th	74·2	3·3	4·8	0·9
August ...	75·2	21st	79·8	27th	70·5	3·6	6·7	0·6
September ...	74·7	21st	77·0	17th	71·5	3·6	6·7	0·7
October ...	72·1	10th	77·0	24th	63·2	5·5	11·9	1·2
November ...	64·8	25th	68·5	13th	61·2	10·7	14·0	7·3
December ...	63·9	19th	71·8	31st	56·0	9·3	13·7	2·9
Year ...	69·2	...	81·6	...	48·3	6·8	16·6	0·6
Mean of extremes...	...	...	74·8	...	63·0	...	10·6	2·8

72. POONA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	54·9	20th	61·4	4th	46·4	7·8	12·7	4·8
February ...	52·0	7th	60·8	13th	42·5	12·6	19·6	6·6
March ...	55·7	28th	68·4	5th	45·4	15·3	19·1	7·2
April ...	60·0	24th	70·4	8th	52·4	14·7	19·6	8·1
May ...	64·3	21st	70·0	8th	55·5	11·5	17·9	6·9
June ...	68·4	7th	71·1	2nd	62·7	6·2	11·8	2·5
July ...	67·5	13th	70·4	24th	64·5	6·4	9·3	4·3
August ...	65·4	31st	68·1	21st	63·0	6·8	9·3	3·5
September ...	66·2	18th	70·0	16th	61·4	6·7	9·8	3·4
October ...	64·1	11th	69·1	30th	52·5	7·2	14·7	2·9
November ...	56·1†	29th	63·4	10th	52·0	11·1	13·0	6·0
December ...	57·3	7th	65·9	23rd	52·3	10·2	14·3	5·0
Year ...	61·0	...	71·1	...	42·5	9·7	19·6	2·5
Mean of extremes...	...	...	67·4	...	54·2	...	14·3	5·1

* On a thick pad of woollen blanket from 12th February.
† Mean of 22 days.

73. SHOLAPUR (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	51·8	31st	63·1	3rd	48·1	3·7	6·4	1·0
February ...	61·8	28th	68·5	11th	58·7	3·6	9·7	0·0
March ...	63·7	24th	71·0	5th	50·9	6·0	11·8	0·3
April ...	66·2	13th	75·8	7th	59·5	5·6	10·3	0·0
May ...	71·2†	18th	78·4	6th	66·0	5·2	10·9	0·2
June ...	68·9	4th	73·1	10th	65·1	4·5	7·2	0·6
July ...	65·5	2nd	69·2	11th	62·7	6·3	8·9	4·3
August ...	64·4	1st	68·8	21st	59·5	6·6	10·2	4·1
September ...	Instrument out of order.							
October ...	Ditto.							
November ...	Ditto.							
December ...	Ditto.							
Year ...		...	...	...	...	...	...	...
Mean of extremes...		...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 13th February.
† Mean of 25 days.

74. RUTNAGIRI (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	60·6	29th	65·4	7th	55·1	6·5	11·9	2·9
February ...	63·2	5th & 17th	69·8	9th	52·0	6·0	11·9	2·9
March ...	65·9	28th	73·8	16th	58·0	6·7	9·9	3·3
April ...	70·0	23rd	75·3	1st	61·3	6·1	10·0	2·4
May ...	74·6	22nd	78·8	1st	68·8	4·5	7·6	2·5
June ...	75·4	13th	79·8	21st to 23rd	71·8	2·9	6·6	0·8
July ...	75·6	6th	78·7	31st	71·8	3·2	5·0	1·4
August ...	73·9	15th	76·8	29th	69·8	3·0	5·4	1·1
September ...	72·4	7th	75·3	1st	70·8	3·4	5·6	1·1
October ...	71·6	12th	74·8	31st	64·9	3·9	10·3	1·6
November ...	64·1	29th	71·8	15th	55·9	9·1	16·0	2·1
December ...	65·5	19th	75·8	30th	58·0	7·4	10·9	3·1
Year ...	69·4	...	79·8	...	52·0	5·2	16·0	0·8
Mean of extremes...	...	...	74·7	...	63·2	...	9·3	2·1

* On a thick pad of woollen blanket from 18th February.

75. BELGAUM (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	47·6	6th	53·9	3rd	38·7	10·7	17·2	4·0
February ...	52·4	17th	62·5	3rd	43·9	8·9	13·0	4·4
March ...	53·3	23rd	58·6	3rd	45·7	11·4	15·3	6·7
April ...	57·1	24th	64·7	8th	49·4	10·1	15·6	4·4
May ...	60·3	24th	67·7	2nd	50·7	7·5	14·5	3·5
June ...	65·0	5th	68·9	3rd	60·8	3·6	7·2	0·7
July ...	63·4	15th	65·7	12th	58·5	4·3	7·0	1·8
August ...	62·8	4th	66·3	27th	56·1	4·2	7·1	1·5
September ...	62·0	7th	65·0	16th	55·5	5·1	8·8	2·4
October ...	61·3	25th	69·6	9th	55·5	5·8	9·0	2·0
November ...	51·8	1st	63·3	26th	42·7	18·8	25·3	4·6
December ...	53·3	14th	63·5	28th	42·2	9·7	16·8	2·4
Year ...	57·5	...	69·6	...	38·7	8·3	25·3	0·7
Mean of extremes...	...	...	64·1	...	50·0	...	13·1	3·2

* On a thick pad of woollen blanket from 7th March.

76. VIZAGAPATAM.

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	Observations rejected.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	76·1	20th	80·4	11th	71·4	8·1	15·6	4·8
September ...	75·5	1st	78·9	13th	72·4	7·4	9·8	3·8
October ...	73·3	1st	77·9	22nd	69·2	9·2	13·0	6·1
November ...	64·6	26th	72·9	21st	58·4	11·9	15·3	6·2
December ...	62·3	8th	70·2	20th	54·4	12·7	18·6	8·3
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

TABLE II.—NOCTURNAL RADIATION TEMPERATURES, 1877.

77. Masulipatam (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.			Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	62·8	16th	72·0	5th	53·0	4·4	8·1	0·9	58·7	16th	69·9	3rd	51·2	3·7	6·8	1·1
February ...	69·0	7th	75·0	1st	61·5	4·2	7·8	1·1	64·8	15th	72·1	26th	58·9	2·9	4·7	1·3
March ...	67·5	29th	75·4	13th	60·1	4·9	7·6	0·0	70·0	28th	80·4	1st	58·8	3·1	6·0	1·4
April ...	73·0	9th	79·5	13th	69·4	4·3	6·2	2·1	74·8	22nd	78·9	15th	65·4	2·5	4·2	0·9
May ...	76·8*	31st	84·4	4th	70·6	3·5†	7·1	0·0	76·5*	15th	81·3	1st	69·9	1·9	3·9	0·5
June ...	80·1	17th	86·4	5th	73·5	2·4	11·3	0·9	75·2	4th	79·0	1st	71·2	1·5	5·4	0·6
July ...	80·1	2nd	84·6	27th	73·3	2·0	7·7	0·0	73·7	15th	76·7	11th	68·7	1·6	6·6	0·5
August ...	77·7	11th	82·6	24th	72·9	2·4	4·5	0·7	73·6	10th	75·9	30th	71·2	1·5	2·8	0·0
September ...	75·1	2nd	79·9	16th	71·9	2·9	4·6	1·1	71·9	18th	75·3	19th	68·8	1·8	5·9	0·1
October ...	74·1	5th	77·4	25th	70·5	3·1	13·5	0·3	70·0	17th	72·8	9th & 29th	66·8	1·6	3·4	0·0
November ...	68·6	6th	73·5	21st	63·4	4·3	6·4	0·5	62·7	1st	68·4	7th	55·7	4·0	5·3	0·7
December ...	66·9	12th	74·6	21st	60·4	4·4	7·6	1·2	61·5	13th	69·9	27th	55·3	4·1	6·8	0·4
Year ...	72·6	...	86·4	...	53·0	3·6	13·5	0·0	69·5	...	81·3	...	51·2	2·5	6·8	0·0
Mean of extremes...	...	...	78·8	...	66·7	...	7·7	0·7	...	...	75·1	...	63·5	...	5·2	0·6

* Mean of 27 days.
† Mean of 25 days.

78. Bellary (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.			Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	58·7	16th	69·9	3rd	51·2	3·7	6·8	1·1								
February ...	64·8	15th	72·1	26th	58·9	2·9	4·7	1·3								
March ...	70·0	28th	80·4	1st	58·8	3·1	6·0	1·4								
April ...	74·8	22nd	78·9	15th	65·4	2·5	4·2	0·9								
May ...	76·5*	15th	81·3	1st	69·9	1·9	3·9	0·5								
June ...	75·2	4th	79·0	1st	71·2	1·5	5·4	0·6								
July ...	73·7	15th	76·7	11th	68·7	1·6	6·6	0·5								
August ...	73·6	10th	75·9	30th	71·2	1·5	2·8	0·0								
September ...	71·9	18th	75·3	19th	68·8	1·8	5·9	0·1								
October ...	70·0	17th	72·8	9th & 29th	66·8	1·6	3·4	0·0								
November ...	62·7	1st	68·4	7th	55·7	4·0	5·3	0·7								
December ...	61·5	13th	69·9	27th	55·3	4·1	6·8	0·4								
Year ...	69·5	...	81·3	...	51·2	2·5	6·8	0·0								
Mean of extremes...	...	...	75·1	...	63·5	...	5·2	0·6								

* Mean of 26 days.

79. Bangalore (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.			Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	55·9	15th	62·4	4th	49·9	2·5	15·5	0·9	65·2	12th	72·8	3rd	58·2	2·5	3·5	1·3
February ...	60·7	9th	65·8	28th	51·8	2·3	5·1	1·2	68·1	15th	74·6	2nd	62·1	2·8	3·6	1·7
March ...	62·7	30th	70·6	12th	52·6	2·3	6·2	0·9	69·2	29th	78·9	11th	60·7	2·5	4·1	1·0
April ...	68·7	25th	72·0	1st & 3rd	62·3	2·1	3·9	1·0	74·5	9th	79·9	15th	73·1	2·1	2·9	0·9
May ...	69·4	22nd	72·0	19th	64·3	2·0	4·2	0·9	76·3	8th & 27th	81·6	18th	67·6	2·1	3·3	0·5
June ...	67·3	7th	69·4	14th	65·2	1·5	2·3	1·0	79·5	4th	81·0	21st	74·8	1·2	2·8	0·4
July ...	66·5	14th, 15th & 17th.	68·2	11th	64·4	1·9	3·7	1·0	79·6	3rd	82·1	27th	74·5	1·2	2·6	0·2
August ...	66·2	1st	69·0	20th	64·0	2·0	3·4	0·8	76·9	12th	82·4	11th	73·6	1·5	4·6	0·2
September ...	65·7	1st	67·5	19th	64·0	1·5	2·5	1·0	75·8	15th	78·7	11th	70·7	1·6	2·9	0·8
October ...	65·7	17th	68·0	24th	63·5	1·4	2·3	0·8	74·9	10th	78·9	11th	72·2	1·2	2·3	0·0
November ...	62·3	8th	65·7	22nd	52·2	1·9	5·3	0·7	72·0	3rd	75·7	23rd	66·8	1·8	4·4	0·0
December ...	60·6	12th	65·9	21st	53·7	1·9	3·6	0·8	71·2	17th	76·8	27th	65·7	2·4	3·8	0·3
Year ...	64·3	...	72·0	...	49·9	1·9	15·5	0·7	73·6	...	82·4	...	58·2	1·9	4·6	0·0
Mean of extremes...	...	...	68·0	...	59·0	...	4·8	0·9	...	...	78·7	...	68·2	...	3·4	0·6

80. Madras (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.			Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	65·2	12th	72·8	3rd	58·2	2·5	3·5	1·3								
February ...	68·1	15th	74·6	2nd	62·1	2·8	3·6	1·7								
March ...	69·2	29th	78·9	11th	60·7	2·5	4·1	1·0								
April ...	74·5	9th	79·9	15th	73·1	2·1	2·9	0·9								
May ...	76·3	8th & 27th	81·6	18th	67·6	2·1	3·3	0·5								
June ...	79·5	4th	81·0	21st	74·8	1·2	2·8	0·4								
July ...	79·6	3rd	82·1	27th	74·5	1·2	2·6	0·2								
August ...	76·9	12th	82·4	11th	73·6	1·5	4·6	0·2								
September ...	75·8	15th	78·7	11th	70·7	1·6	2·9	0·8								
October ...	74·9	10th	78·9	11th	72·2	1·2	2·3	0·0								
November ...	72·0	3rd	75·7	23rd	66·8	1·8	4·4	0·0								
December ...	71·2	17th	76·8	27th	65·7	2·4	3·8	0·3								
Year ...	73·6	...	82·4	...	58·2	1·9	4·6	0·0								
Mean of extremes...	...	...	78·7	...	68·2	...	3·4	0·6								

81. SALEM (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	61·9	15th	70·2	1st	53·0	4·7	11·2	0·6
February ...	67·1	9th	72·5	28th	60·5	3·6	6·2	1·6
March ...	68·3	30th	76·4	11th	59·2	3·6	7·1	0·2
April ...	75·0	11th	79·7	2nd	71·0	2·6	6·8	1·6
May ...	74·7	7th	78·3	20th	70·3	2·6	4·9	1·3
June ...	72·9	8th	76·1	6th	69·9	2·5	4·9	0·9
July ...	73·3	15th	76·2	12th	69·7	2·6	6·2	0·5
August ...	72·7	1st	76·6	20th	70·0	2·4	3·5	1·5
September ...	72·3	2nd	75·1	17th	69·3	1·9	2·8	0·2
October ...	70·7	16th	73·5	21st	66·5	2·7	6·2	0·6
November ...	67·7	1st	71·3	22nd	60·7	3·5	7·6	1·2
December ...	Observations not received.							
Year ...	Ditto.							
Mean of extremes ...	...	...	...	...	...	...	...	...

82. COIMBATORE (*corrected*).

MONTH.	Mean.	MAXIMUM		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	60·8	12th	68·7	2nd	51·2	2·9	5·4	0·2
February ...	64·6	22nd	69·8	1st	55·8	2·6	5·1	0·0
March ...	65·5	31st	74·2	12th	55·1	3·6	8·6	0·0
April ...	72·0	28th	75·1	20th	68·0	2·3	4·6	0·1
May ...	72·4	7th	76·6	22nd	68·5	1·9	4·4	0·0
June ...	71·1*	6th	74·4	13th	67·7	1·1	2·8	0·0
July ...	69·3	23rd	72·3	10th	62·9	2·2	7·5	0·0
August ...	69·6	23rd	71·5	20th	67·1	1·4	4·3	0·0
September ...	70·3	17th	72·3	12th	66·4	1·2	3·6	0·0
October ...	68·9	27th	71·4	25th	64·3	1·9	4·3	0·0
November ...	67·3	19th	71·1	22nd	59·1	2·2	6·3	0·0
December ...	65·6	12th	72·0	7th	58·3	2·5	4·5	0·6
Year ...	68·1	...	76·6	...	51·2	2·1	8·6	0·0
Mean of extremes ...	...	...	72·4	...	62·0	...	5·1	0·1

* Mean of 26 days.

83. TRICHINOPOLY (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	66·0*	23rd	69·5	4th	61·5	1·9	4·5	0·0
February ...	68 8	7th	73·4	1st	63·4	1·6	2·8	0·0
March ...	70 7†	31st	79·3	1st	65·0	1·4	3·3	0·0
April ...	78·3‡	27th	80·8	5th	75·6	0·5	2·1	0·0
May ...	78·3‡	13th	81·1	20th	73·0	0·6	3·7	0·0
June ...	78·4	24th	81·1	7th	75·0	0·5	2·2	0·0
July ...	78·8†	17th	81·2	30th	75·2	0·3	2·1	0·0
August ...	78·2‡	2nd	79·7	19th	74·0	0·5	2·6	0·0
September ...	75·8†	2nd	79·6	19th	72·0	0·7	2·6	0·0
October ...	73·9§	3rd	77·2	26th	72·3	0·3	1·0	0·0
November ...	71·9‡	26th	74·6	22nd	68·7	1·0	1·7	0·0
December ...	70·3‡	11th	73·4	21st	65·0	1·4	3·0	0·0
Year ...	74·1	...	81·2	...	61·5	0·9	4·5	0·0
Mean of extremes ...	...	...	77·6	...	70·1	...	2·6	0·0

* Mean of 25 days. † Mean of 28 days. ‡ Mean of 27 days. § Mean of 26 days.

84. NEGAPATAM (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	68·6	25th	72·7	4th	61·6	2·8	4·7	0·3
February ...	69·4	18th	74·1	1st	64·4	4·2	6·7	0·2
March ...	71·6	29th	79·2	11th	61·1	3·8	12·7	0·0
April ...	75·7	10th	78·9	21st	70·9	3·8	6·4	1·6
May ...	75·4	30th	81·4	20th	68·8	3·6	6·3	0·9
June ...	76·7	6th	79·2	27th	70·9	3 2	7·7	1·3
July ...	76·5	17th	79·6	8th	74·0	2·9	5·7	1·3
August ...	76·4	18th	78·7	3rd & 9th	74·2	2·6	4·5	0·2
September ...	74·5*	2nd	78·2	10th	69·4	2·2	3·6	0·3
October ...	73·5	4th	75·9	8th & 14th	71·0	2·6	5·4	0·0
November ...	72·9	13th	74·9	22nd	67·7	1·7	6·7	0·0
December ...	71·4	10th	74·0	21st	68·7	3·6	7·3	0·6
Year ...	73·5	...	81·4	...	61·1	3·1	12·7	0·0
Mean of extremes ...	...	...	77·2	...	68·6	...	6·5	0·6

* Mean of 28 days.

85. MADURA (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	67·5	15th	71·0	3rd	62·1	1·1	4·0	0·3
February ...	69·3	6th	73·0	2nd	63·6	1·3	3·6	·0·1
March ...	71·5	31st	77·5	11th	65·2	1·1	2·3	0·4
April ...	77·2	12th	79·7	4th	74·2	0·7	1·8	0·0
May ...	76·0	12th	79·1	29th & 31st	72·8	0·7	2·0	0·0
June ...	76·7	28th	79·8	5th	71·9	0·8	2·8	0·1
July ...	77·0	27th	79·3	14th	72·7	0·8	3·3	0·1
August ...	77·0	15th	79·3	11th	74·9	0·8	2·0	0·0
September ...	75·6*	7th	79·3	12th	71·9	0·6	2·5	0·0
October ...	74·3	3rd	76·3	29th	71·2	0·2	1·6	0·0
November ...	Observations rejected.							
December ...	Ditto.							
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* Mean of 28 days.

86. COCHIN (*corrected*).

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	65·0	7th	69·6	2nd & 4th	59·8	5·3	8·7	2·9
February ...	71·0	6th	73·0	1st	68·5	3·9	6·0	2·3
March ...	No observations.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	Ditto.							
December ...	Ditto.							
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

87. AKYAB (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	49·3	15th & 18th	55·1	27th & 29th	44·1	9·7	12·2	6·2
February ...	46·2	10th	57·2	18th to 20th	35·0	12·8	20·3	6·1
March ...	50·6	30th	67·2	1st	39·0	14·4	19·3	6·1
April ...	60·4	28th	72·3	5th	52·1	11·4	18·1	6·0
May ...	Observations incomplete.							
June ...	No observations.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Observations incomplete.							
November ...	65·1	1st to 3rd	72·4	21st	55·3	6·1	17·0	2·9
December ...	54·5	12th	60·3	3rd	49·2	6·8	15·0	0·5
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 18th February.

88. THYETMIO (*corrected*).*

MONTH.	Mean.	MAXIMUM.		MINIMUM.		DIFFERENCE, SHADE AND RADIATION.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	61·1†	8th	72·9	30th	51·7	5·6	9·6	1·0
December ...	49·7	14th	54·9	19th	44·2	9·2	11·5	4·5
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.
† Mean of 23 days.

89. TOUNGHOO (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	Ditto.							
December ...	52·6	1st	59·3	27th	41·2	8·8	17·3	2·4
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

90. BASSEIN (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	57·0	23rd	63·9	6th	50·0	3·8	5·8	1·9
February ...	Observations incomplete.							
March ...	No observations.							
April ...	68·6†	27th	72·9	10th	64·4	6·1	7·4	4·9
May ...	72·5	24th	83·4	7th	68·9	5·8	8·7	0·9
June ...	73·6	29th	76·2	1st	70·4	2·7	5·2	1·0
July ...	74·0	8th	75·9	12th	71·9	2·1	5·5	0·3
August ...	74·8	8th & 20th	76·4	24th	72·4	2·0	3·8	0·0
September ...	73·0†	3rd & 8th	75·4	29th	70·4	2·7	4·5	1·0
October ...	71·8‡	24th	74·5	20th	67·6	3·4	6·3	0·9
November ...	67·9‡	4th	72·4	19th	61·4	4·8	8·3	2·2
December ...	57·2§	15th	62·2	27th	53·1	6·8	8·3	5·2
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 8th April.
† Mean of 22 days. ‡ Mean of 24 days. § Mean of 25 days.

91. RANGOON (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	58·6	7th	63·6	1st	50·8	5·9	8·5	1·7
February ...	57·6	9th	61·3	18th	47·2	7·2	13·0	4·1
March ...	62·4	29th	69·4	4th	51·2	2·7	11·2	2·1
April ...	68·1	18th	70·6	5th & 6th	63·9	6·4	10·0	4·6
May ...	70·0	22nd	74·9	12th	65·1	8·3	11·5	5·9
June ...	73·1	16th, 17th & 27th.	75·9	1st & 12th	72·0	3·7	5·4	2·3
July ...	Observations incomplete.							
August ...	No observations.							
September ...	68·2	24th	75·3	18th	62·4	7·4	12·5	1·2
October ...	Observations incomplete.							
November ...	70·0	12th	73·7	30th	64·9	3·6	6·1	0·1
December ...	62·0	28th	65·3	19th	53·1	5·4	10·3	2·9
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 15th February.

92. MOULMEIN (*corrected*).*

MONTH.	Mean.	MAXIMUM. Day.	°	MINIMUM. Day.	°	DIFFERENCE, SHADE AND RADIATION. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	73·7	27th & 29th	76·7	17th	66·3	1·9	9·5	0·5
May ...	75·8	18th	79·2	23rd	70·3	3·1	17·5	0·0
June ...	74·6	6th, 8th, 15th & 16th.	76·2	3rd, 12th & 26th	72·3	1·0	6·5	0·0
July ...	73·7	5th, 12th, 21st & 30th.	76·2	23rd	70·3	0·6	2·6	0·0
August ...	73·8	7th, to 9th, 21st & 22nd.	75·3	3rd	71·8	1·5	3·5	0·0
September ...	72·5	2nd, 3rd, 19th, 22nd & 24th.	74·3	9th—11th, 16th, 29th & 30th	70·3	2·1	5·0	0·0
October ...	72·0	19th	74·3	1st—5th, 11th, 12th & 29th	70·3	2·6	6·5	0·5
November ...	67·6	1st & 2nd	70·3	3rd	60·4	6·7	13·4	3·5
December ...	Observations incomplete.							
Year ...	...	...	...	...	...	...	...	...
Mean of extremes ...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

93. MERGUI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	No observations.							
February ...	Ditto.							
March ...	Ditto.							
April ...	Ditto.							
May ...	Ditto.							
June ...	Ditto.							
July ...	Ditto.							
August ...	Ditto.							
September ...	70·1	1st	75·1	9th	66·2	4·6	10·3	0·4
October ...	68·8	16th	72·1	25th & 29th	66·2	5·9	7·8	3·3
November ...	69·4	30th	72·6	27th & 28th	63·2	4·4	7·8	1·3
December ...	69·9	16th	76·1	1st	63·7	4·1	11·3	0·4
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket.

94. PORT BLAIR (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January ...	Observations incomplete.							
February ...	Ditto.							
March ...	68·6	8th	74·2	21st & 22nd	63·7	5·8	9·7	3·2
April ...	68·7	2nd	74·7	18th	63·2	9·3	11·7	6·7
May ...	67·0	17th & 27th	71·7	30th	62·2	12·6	18·7	9·2
June ...	No observations.							
July ...	Ditto.							
August ...	Ditto.							
September ...	Ditto.							
October ...	Ditto.							
November ...	73·3†	16th	78·0	30th	70·4	4·0	6·2	0·9
December ...	72·9	26th	76·6	21st	65·3	4·3	7·0	2·1
Year ...	...	...	...	...	...	...	...	...
Mean of extremes...	...	...	...	...	...	...	...	...

* On a thick pad of woollen blanket from 27th February.
† Mean of 25 days.

95. NANCOWRY (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	73·9	13th, 15th, 18th to 23rd 25th to 27th, 29th & 31st	75·2	6th	69·2	3·9	7·1	2·1
February	74·2	20th	78·2	26th	69·2	3·7	6·1	2·1
March	74·2	27th	77·2	6th, 7th, 11th, 21st, 29th & 30th.	72·2	4·7	7·1	2·1
April	75·8	4th & 13th	79·2	23rd	69·2	5·8	10·1	3·1
May	76·6	4th, 23rd & 30th	80·2	16th, 21st & 24th	74·2	4·2	7·2	0·1
June	75·2	16th & 17th	78·2	19th	71·2	3·3	7·1	0·1
July	75·7	11th	78·2	29th	73·2	3·9	7·2	0·1
August	74·5	21st	76·7	19th	70·2	3·1	6·3	0·8
September	73·2	8th	78·2	16th	70·4	4·0	7·1	0·5
October	73·4	18th & 19th	75·2	25th	70·2	4·0	6·8	1·3
November	72·2	11th	75·2	17th	69·2	5·5	7·0	3·3
December	72·8	26th	76·7	20th	67·9	4·8	9·4	0·6
Year	74·3	...	80·2	...	67·9	4·2	10·1	0·1
Mean of extremes	...	...	77·4	...	70·5	...	7·4	1·3

* On a thick pad of woollen blanket from 4th March.

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN THE SHADE IN 1877.—
(108 STATIONS.)

1. LEH (*partly corrected*).*

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	19·9	26·9	27 0	36·1	23·3	12·8	6th & 7th	45·4	43·9	19th	1·5
February ...	?	24·8	27·8	35·8	?	?	28th	48·7	?	?	?
March ...	30·9	36·0	40·4	47·9	26·4	21·5	19th	56·4	39·9	2nd	16·5
April ..	40·5	46·1	51·3	58·8	29·2	29·6	29th	70·7	52·0	2nd	18·7
May ...	48·9	55·2	60·3	68·9	31·4	37·5	26th	79·4	47·9	22nd	31·5
June ...	56·9	60·5	68·6	76·1	30·8	45·3	27th	89·9	51·2	12th	38·7
July ...	62·1	63·7	75·5	81·3	32·7	48·6	28th	87·3	47·3	10th	40·0
August ...	60·6	62 6	73·9	79·4	32·2	47·2	5th	86·6	46·3	22nd	40·3
September ...	52·6	58·7	63·8	71·9	30·6	41·3	1st	78·9	44·3	28th	34·6
October ...	40·8	47·1	51·3	60·7	30·4	30·3	3rd	74·3	53·9	25th	20·4
November ...	33·4	40·1	41·6	50·5	25·4	25·1	9th	56·9	45·4	30th	11·5
December ...	23·5	29·5	30·5	40·0	23·5	16·5	4th & 27th.	46·1	47·4	31st	—1·3
Year ...	...	45·9	51·0	59·0	...	...	...	89·9	...	...	...

* Maximum uncorrected from October.

2. PESHÁWAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	49·4	51·4	58·1	61·1	20·4	40·7	8th	71·2	36·0	31st	35·2
February ...	49·0	53·0	59·1	61·9	23·0	38·9	26th	75·5	43·8	9th	31·7
March ...	60·8	66·1	72·2	74·9	25·5	49·4	25th & 27th	81·6	38·4	21st	43·2
April ..	66·8	71·5	75·3	78·6	20·4	58·2	27th	91·3	41·6	15th	49·7
May ...	78·9	82·3	90·3	93·3	25 9	67·4	25th	103·9	41·8	14th	62·1
June ...	85·4	93·8	97·9	102·5	29·7	72·8	26th	113·5	49·6	12th	63·9
July ...	89·7	94·7	102·1	105·2	27·9	77·3	10th	112·9	40·7	4th	72·2
August ...	87·9	94·2	100·3	104·9	29·4	75·5	17th	112·7	42·5	22nd	70·2
September ...	82·1	87·3	94·4	97·3	27·5	69·8	16th	104·0	42·2	30th	61·8
October ...	69·2	74·2	79·7	83·7	25·1	58·6	4th	96·9	47·6	22nd	49·3
November ...	60·5	64·8	68·4	73·3	20·7	52·6	2nd	86·4	47·2	30th	39·2
December ...	50·9	53·4	57·6	62·3	18·1	44·2	1st	69·9	34·9	31st	35·0
Year ...	69·2	73·9	79·6	83·3	24·5	58·8	...	113·5	81·8	...	31·7

3. MURREE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	38·9	42·8	41·3	46·5	9·9	36·6	3rd	60·6	32·9	17th & 18th	27·7
February ...	36·5	41·7	40·5	44·5	12·1	32·4	27th	60·6	37·9	9th	22·7
March ...	47·0	52·7	50·9	58·3	15·3	43·0	26th	67·4	36·9	20th	30·5
April ...	51·3	57·0	55·2	61·5	14·1	47·4	26th	71·6	32·5	11th	39·1
May ...	62·1	65·9	66·8	72·5	15·1	57·4	25th	83·4	36·4	12th	47·0
June ...	70·4	76·0	76·1	81·8	17·1	64·7	26th & 27th	93·6	40·8	15th	52·8
July ...	72·0	75·4	79·0	83·4	18·5	64·9	27th	89·6	38·8	4th	50·8
August ...	73·4	77·9	80·0	85·6	18·9	66·7	17th	92·8	41·0	22nd	51·8
September ...	67·5	71·8	72·3	78·0	15·3	62·7	30th	82 9	32·9	12th	50·0
October ...	55·1	59·5	58·2	65·2	13·3	51·9	4th	83·7	45·9	15th	37·8
November ...	47·6	53·3	49·4	57·0	11·2	45·8	2nd	67·4	43·5	25th	23·9
December ...	38·8	43·2	40·7	47·2	10·3	36·9	1st	56·7	31·2	31st	25·5
Year ...	55·1	59·8	59·2	65·1	14·2	50·9	...	93·6	70·9	...	22·7

4. RAWALPINDI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	48·7	51·4	57·0	61·9	21·5	40·4	7th	69 3	36·4	7th	32·9
February ...	47·2	50·6	56·4	60·0	22·0	38·0	28th	73·8	41·9	9th, 10th, 14th & 16th.	31·9
March ...	60·6	65·6	71·7	75·2	25·8	49·4	26th	82·5	39·3	3rd	43·2
April ...	66·1	71·0	75·4	79·3	22·6	56·7	29th	92·0	44·8	4th	47·2
May ...	77·6	83·6	89·2	91·1	25·2	65·9	24th	105·0	45·8	9th	59·2
June ...	86·3	93·2	99·6	102·1	29·1	73·0	27th	114·2	49·0	11th	65·2
July ...	88·6	91·5	100·9	102·9	26·7	76·2	27th	110·0	42·8	3rd	67·2
August ...	87·8	91 3	100·5	103·3	28·2	75·1	17th	110·0	43·3	29th	66·7
September ...	80·7	86·7	92·9	99·8	31·3	68·5	1st	103·0	42·7	30th	60·3
October ...	66·9	72·3	77·6	84·4	28·3	56·1	1st & 4th	99·8	53·6	26th	46·2
November ...	59·4	61·7	67·1	71·4	19·8	51·6	2nd	82·2	41·2	30th	41·0
December ...	49·9	50·9	56·1	59·4	15·7	43·7	1st	68·1	31·7	14th & 30th	36·4
Year ...	68·3	72·5	78·7	82·6	24·7	57·9	...	114·2	52·3	...	31·9

5. SIALKOT (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°	Mean.
January ...	?	56·9	60·3	64·9	?	?	7th	70·7	?	?	?	54·1
February...	52·6	56·6	61·8	66·8	23·5	43·3	27th	74·5	36·5	2nd, 11th & 14th	38·0	54·5
March ...	?	70·2	74·9	78·1	?	?	27th	83·7	?	?	?	67·5
April ...	?	77·5	81·4	84·7	?	?	29th	93·6	?	?	?	74·7
May ...	82·5	86·9	92·3	95·1	22·4	72·7	25th & 26th	107·5	47·2	7th	60·3	85·0
June ...	89·7	94·6	99·8	103·4	23·9	79·5	26th	114·1	44·0	7th	70·1	93·3
July ...	90·5	93·5	99·4	102·1	20·6	81·5	12th	109·7	39·4	31st	70·3	93·2
August ...	91·2	96·1	101·2	105·3	24·1	81·2	4th	121·3	49·7	20th	71·6	93·8
September	85·9	91·3	95·7	99·3	23·2	76·1	2nd	103·5	41·4	26th	62·1	87·5
October ...	74·8	79·2	84·9	87·7	23·1	64·6	1st	102·1	48·0	22nd	54·1	76·1
November	67·2	71·9	74·9	79·4	19·9	59·5	5th	89·6	43·6	30th	46·0	68·7
December	54·8	56·1	61·0	63·4	14·9	48·5	3rd & 24th	70·7	30·3	11th	40·4	54·9
Year ...	...	77·6	82·3	85·8	...	...	...	121·3	...	...	...	75·3

6. LAHORE (*corrected*).

MONTH.	4 hours.	10 hours.	16 hours.	23 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	46·3	56·4	63·2	50·5	65·1	21·1	44·0	7th	74·1	37·1	2nd & 3rd	37·0
February...	46·0	57·6	64·2	50·0	65·9	21·9	44·0	28th	78·7	42·9	2nd	35·8
March ...	58·2	71·3	77·3	63·2	79·2	23·3	55·9	25th	86·7	37·7	3rd	49·0
April ...	65·0	78·9	84·2	70·8	86·9	23·7	63·2	29th	96·4	43·9	1st	52·5
May ...	74·5	89·8	95·2	80·3	97·7	25·1	72·6	25th	111·3	50·3	7th	61·0
June ...	83·1	97·6	102·9	89·7	106·6	25·4	81·2	26th	117·1	44·5	3rd	72·6
July ...	84·7	96·4	101·5	90·1	105·7	22·7	83·0	12th	112·5	39·0	3rd	73·5
August ...	83·1	97·2	104·8	90·0	106·8	25·4	81·4	16th	113·6	40·6	21st	73·0
September	77·5	92·1	98·4	81·9	101·4	25·9	75·5	29th	107·3	41·0	28th	66·3
October ...	65·4	81·4	87·5	70·2	91·0	27·7	63·3	1st & 3rd	106·5	52·4	22nd & 25th	54·1
November	60·1	72·8	78·5	63·4	81·9	24·1	57·8	3rd to 5th	90·6	46·5	30th	44·1
December	48·5	57·6	61·7	51·7	65·2	18·8	46·4	2nd	73·7	33·6	30th & 31st	40·1
Year ...	66·0	79·1	85·0	71·0	87·8	23·8	64·0	...	117·1	81·3	...	35·8

7. LUDHIANA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	Incomplete.										
February ...	53·8	56·6	64·1	66·1	22·7	43·4	28th	77·7	42·7	14th	35·0
March ...	66·2	71·2	76·7	80·4	24·8	55·6	9th	85·2	36·1	2nd	49·1
April ...	74·2	79·8	85·1	88·8	25·6	63·2	26th & 29th	96·3	43·1	1st	53·2
May ...	83·0	89·1	95·1	98·3	27·5	70·8	25th	110·8	46·5	7th	64·3
June ...	91·1	95·8	102·6	105·2	25·7	79·5	26th	114·3	41·0	3rd & 14th	73·3
July ...	89·9	93·1	97·5	102·1	19·9	82·2	11th	108·8	35·5	2nd	73·3
August ...	90·4	92·7	99·9	102·4	21·6	80·8	16th	109·8	39·5	21st	70·3
September ...	84·6	89·3	95·0	97·5	23·3	74·2	28th & 29th	102·8	39·0	29th	63·8
October ...	74·4	80·0	85·9	88·5	25·6	62·9	1st & 2nd	100·8	47·6	24th & 25th	53·2
November ...	67·8	72·8	79·4	81·8	25·6	56·2	18th	89·7	43·1	30th	46·6
December ...	55·4	56·3	63·1	65·1	17·5	47·6	23rd & 24th	73·7	34·1	11th	39·6
Year ...	...	...	...	...	...	...	...	...	...	...	...

8. SIMLA (*uncorrected*).

MONTH.	Mean.	10-30 hours.	16-30 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	38·7	44·4	44·9	50·6	18·1	32·5	10th & 11th	60·0	36·0	13th	24·0
February ...	38·3	44·5	45·5	49·9	18·9	31·0	28th	60·0	40·0	8th & 9th	20·0
March ...	47·2	52·6	53·9	58·8	18·4	40·4	8th	65·0	33·5	16th	31·5
April ...	50·9	59·8	57·3	63·6	19·1	44·5	26th & 30th	72·0	42·0	20th	30·0
May ...	60·0	67·2	67·0	71·5	18·5	53·0	26th	84·0	40·0	7th & 8th	44·0
June ...	67·0	73·2	74·4	79·0	19·4	59·6	25th & 26th	85·5	36·0	12th	49·5
July ...	64·4	70·4	72·6	76·9	21·0	55·9	11th	86·5	42·5	31st	44·0
August ...	60·9	71·5	73·7	76·6	28·6	48·0	10th, 18th & 20th	80·0	39·0	23rd	41·0
September ...	58·9	68·4	69·9	74·0	26·1	47·9	6th	79·0	34·0	11th, 13th to 15th & 17th	45·0
October ...	51·2	62·5	62·0	68·1	27·8	40·3	19th	76·0	46·0	22nd & 23rd	30·0
November ...	48·6	58·7	57·3	63·2	23·4	39·8	2nd, 16th & 17th	67·0	33·0	3rd, 7th, 8th & 12th	34·0
December ...	43·1	50·3	48·6	55·5	18·0	37·5	21st, 22nd & 27th	62·0	41·0	11th	21·0
Year ...	52·4	60·3	60·6	65·6	21·4	44·2	...	86·5	66·5	...	20·0

9 DELHI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	57·2	58·7	65·9	67·9	19·5	48·4	2nd	74·2	31·0	4th & 5th	43·2
February ...	58·3	59·4	67·9	70·0	21·3	48·7	28th	83·7	43·4	5th	40·3
March ...	71·0	74·4	81·3	84·0	23·3	60·7	26th & 29th	89·7	34·7	15th	55·0
April ...	78·7	83·8	89·1	93·0	24·7	68·3	23rd	100·6	44·9	1st	55·7
May ...	88·1	92·2	98·4	100·8	23·1	77·7	25th	112·4	47·7	7th	64·7
June ...	93·3	95·7	102·9	105·5	21·8	83·7	25th	113·4	40·4	3rd	73·0
July ...	91·6	92·9	99·2	102·5	18·6	83·9	26th	109·6	34·4	3rd	75·2
August ...	93·7	95·3	102·6	105·2	20·5	84·7	16th	110·4	33·2	21st	77·2
September ...	90·4	93·0	100 0	102·7	21·9	80·8	27th & 29th	105·5	33·5	30th	72·0
October ...	78·7	81·0	87·8	89·7	20·1	69·6	1st	106·1	45·9	26th	60·2
November ...	72·7	76·6	83·0	86·4	24·0	62·4	5th	92·4	42·2	30th	50·2
December ...	59·1	60·5	67·4	69·1	18·4	50·7	24th	77·9	33·9	12th	44·0
Year ...	77·7	80·3	87·1	89·7	21·4	68·3	...	113·4	73·1	...	40·3

10. SIRSA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	54·3	59·5	65·1	68·0	24·5	43·5	1st	77·4	42·3	3rd	35·1
February ...	56·1	60·1	68·6	70·1	26·5	43·6	28th	84·6	49·4	2nd	35·2
March ...	69·9	75·0	82·3	85·0	27·5	57·5	19th	95·4	46·2	15th	49·2
April ...	77·0	83·4	89·3	92·6	27·9	64·7	29th	99·9	42·6	1st & 3rd	57·3
May ...	85·7	93·4	97·9	101·7	28·2	73·5	22nd & 24th	112·4	48·1	7th	64·3
June ...	92·5	96·8	103·2	106·3	24·5	81·8	30th	115·4	45·3	3rd	70·1
July ...	93·1	94·9	102·1	103·7	19·7	84·0	14th	100·4	40·2	4th	69·2
August ...	94·9	98·3	105·1	107·3	22·6	84·7	26th, 27th & 30th	110·9	34·9	21st	76·0
September ...	87·9	93·7	98·8	101·6	24·7	76·9	17th	109 9	41·7	29th	68·2
October ...	77·6	85·9	90·6	93·5	29·0	64·5	3rd	106·6	52·4	24th	54·2
November ...	70·6	77·2	83·1	85·5	27·4	58·1	4th	94·2	46·1	30th	48·1
December ...	56·5	60·9	66·3	68·5	21·8	46·7	24th	79·7	41·5	12th	38·2
Year ...	73·6	81·6	87·7	90·3	25·4	65·0	...	115·4	80·3	...	35·1

11. DERA ISMAIL KHAN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	53·0	55·0	62·9	65·9	22·9	43·0	1st	75·7	40·8	2nd	34·9
February ...	53·8	56·8	64·3	66·4	23·2	43·2	27th	80·7	44·8	4th & 10th	35·9
March ...	67·7	71·2	79·8	81·9	26·3	55·6	25th	87·7	41·9	22nd	45·8
April ...	71·8	76·2	80·3	84·1	20·8	63·3	30th	96·6	40·9	1st	55·7
May ...	83·3	88·2	93·9	96·4	23·7	72·7	24th & 28th	107·5	44·7	12th	62·8
June ...	90·6	94·9	102·4	104·6	25·8	78·8	24th & 25th	113·5	43·7	3rd	69·8
July ...	Dry bulb broken.			104·4	22·2	82·2	12th	110·5	36·7	4th	73·8
August ...	Ditto.			106·1	26·3	79·8	17th	112·5	40·6	20th	71·9
September ...	86·4	91·0	98·3	101·1	26·6	74·5	1st	108·5	50·8	30th	57·7
October ...	74·3	81·0	86·5	89·9	27·9	62·0	1st—3rd	103·5	51·8	21st	51·7
November ...	64·8	70·7	74·1	77·5	22·1	55·4	2nd & 3rd	86·6	40·8	30th	45·8
December ...	53·7	57·3	61·8	64·4	18·8	45·6	1st	74·7	36·8	30th	37·9
Year ...	...	...	...	86·9	23·9	63·0	...	113·5	78·6	...	34·9

12. MOOLTAN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	54·9	57·5	65·0	69·7	24·9	44·8	7th	75·9	42·9	19th	33·0
February ...	55·5	58·5	65·4	73·0	27·5	45·5	27th	80·9	44·9	10th	36·0
March ...	68·7	71·3	79·6	84·7	26·9	57·8	11th	91·9	40·8	22nd	51·1
April ...	74·5	76·2	84·5	88·7	24·3	64·4	29th	97·9	41·8	8th	56·1
May ...	86·3	86 9	97·5	99·7	24·7	75·0	23rd	109·9	44·8	7th	65·1
June ...	93·7	95·4	105·0	108·6	26·3	82·3	8th	114·9	40·7	7th	74·2
July ...	92·0	93·1	100·8	103·4	20·3	83·1	15th	109·0	32·8	4th	76·2
August ...	90·3	90·6	99·6	103·5	22·5	81·0	15th	109·9	35·7	1st	74·2
September ...	83·6	85·4	91·1	97·1	21·0	76·1	5th	105·9	38·7	30th	67·2
October ...	73·8	77·5	83·1	87·5	23·0	64·5	3rd	98·9	44·8	25th	54·1
November ...	65·5	69·7	73·5	78·6	21·2	57·4	4th	86·4	40·3	27th	46·1
December ...	55·7	56·9	61·8	68·9	19·3	49·6	30th	77·9	38·9	29th & 31st	39·0
Year ...	74·5	76·6	83·9	88·6	23·5	65·1	...	114·9	81·9	...	33·0

13. AJMIR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	57·4	61·7	73·0	75·1	31·8	43·3	3rd	81·3	45·7	3rd	35·6
February ...	59·6	64·3	75·7	77·8	34·9	42·9	26th	90·3	56·2	10th	34·1
March ...	73·1	79·4	88·1	90·9	35·0	55·9	10th	97·2	51·7	15th	45·5
April ...	80·4	86·9	93·1	96·3	32·9	63·4	23rd	101·2	45·8	1st	55·4
May ..	87·1	91·1	99·1	102·1	28·4	73·7	21st	110·2	51·9	6th	58·3
June ...	91·9	94·4	102·6	110·0	27·1	82·9	15th & 17th	117·2	56·0	3rd	61·2
July ...	84·3	88·5	93·8	102·5	25·1	77·4	19th	107·6	34·4	2nd	73·2
August ...	86·9	88·1	98·5	100·9	23·1	77·8	30th	109·4	38·2	23rd	71·2
September ...	84·8	88·8	97·7	100·0	25·7	74·3	28th	108·7	38·5	4th	70·2
October ...	76·5	83·7	89·9	93·4	28·8	64·6	11th	108·2	55·0	26th & 27th	53·2
November ...	70·9	79·2	86·2	88·7	31·7	57·0	2nd	93·4	46·1	29th	47·3
December ...	59·8	63·9	74·4	76·7	28·1	48·6	5th	86·3	48·6	12th	37·7
Year ...	76·1	80·6	89·3	92·9	29·4	63·5	...	117·2	83·1	...	34·1

14. CHAKRATA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	39·4	41·7	41·7	49·8	15·8	34·0	2nd	58·5	32·7	14th	25·8
February ...	37·9	39·3	41·0	47·2	14·8	32·4	26th & 27th	59·5	37·7	9th	21·8
March ...	46·7	51·3	50·4	60·6	21·0	39·6	24th	70·5	38·7	16th	31·8
April ...	53·2	59·5	56·9	64·8	20·4	44·4	24th	74·0	40·2	1st	33·8
May ..	62·6	66·5	69·6	74·7	22·3	52·4	25th	89·6	46·7	7th	42·9
June ...	66·3	68·2	70·6	74·3	14·6	59·7	23rd	81·5	32·1	12th	49·4
July ...	64·8	66·8	67·1	72·4	12·1	60·3	30th	81·3	25·8	3rd	55·5
August ...	66·0	67·4	67·9	71·8	10·6	61·2	18th	76·1	22·1	21st	54·0
September ...	64·5	67·0	67·1	70·8	12·6	58·2	28th	74·3	21·3	15th	53·0
October ...	56·5	60·2	60·0	64·5	14·3	50·2	2nd	73·7	31·0	22nd	42·7
November ...	53·3	57·4	56·0	61·6	14·9	46·7	2nd	66·3	30·3	26th	36·0
December ...	44·7	47·9	46·5	54·8	15·6	39·2	27th	63·3	40·3	11th	23·0
Year ...	54·7	57·8	57·9	63·9	15·7	48·2	...	89·6	67·8	...	21·8

15. MUSSOOREE.

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	No observations.										
February ...	Ditto.										
March ...	Ditto.										
April ...	Ditto.										
May ..	Ditto.										
June ...	Ditto.										
July ...	Ditto.										
August ...	Ditto.										
September ...	Ditto.										
October ...	Ditto.										
November ...	Observatory opened 16th November 1877.										
December ...	47·5	53·0	51·1	56·3	12·3	44·0	25th & 27th.	66·1	36·4	11th	29·7
Year ...	...	...	...	...	...	...	...	...	...	...	...

16. DEHRA (*corrected*).

MONTH.	Mean.	9-30 hours.	15-30 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	54·6	53·8	64·1	65·2	19·2	46·0	3rd	71·8	32·9	14th	38·9
February ...	53·0	52·6	64·2	64·7	21·2	43·5	28th	76·5	41·3	10th	35·2
March ...	63·2	64·1	73·7	75·2	21·5	53·7	10th	82·3	36·5	16th	45·8
April ...	70·5	73·0	80·1	81·2	22·1	59·1	24th	90·1	40·1	2nd	50·0
May ..	79·1	82·5	89·6	90·7	23·3	67·4	27th	104·0	45·0	7th	59·0
June ...	84·7	87·2	93·6	94·6	20·6	74·0	24th	102·0	34·9	13th	67·1
July ...	83·0	84·3	89·8	90·6	15·2	75·4	13th	95·7	27·4	4th	68·3
August ...	82·2	83·7	89·2	90·3	15·7	74·6	18th	95·1	26·9	19th	68·2
September ...	80·6	82·5	89·0	89·6	18·2	71·4	30th	92·0	28·0	30th	64·0
October ...	71·4	73·8	80·4	82·9	20·5	62·4	1st	91·1	36·0	21st	55·1
November ...	66·7	68·8	77·5	79·6	23·2	56·4	7th	84·3	37·0	30th	47·3
December ...	56·6	57·2	65·5	68·1	19·7	48·4	2nd	73·5	35·3	11th	38·2
Year ...	70·5	72·0	79·7	81·1	20·1	61·0	...	104·0	68·8	...	35·2

17. ROORKEE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	56·6	57·5	65·6	67·9	21·2	46·7	6th	76·4	34·6	14th	41·8
February ...	55·6	57·5	65·4	66·9	21·8	45·1	27th & 28th	78·7	39·9	2nd	38·8
March ...	67·3	70·3	77·6	79·9	23·7	56·2	9th	88·0	41·7	1st	46·3
April ...	76·8	80·9	87·1	89·0	25·7	63·3	23rd & 29th	96·3	43·8	1st	52·5
May ...	85·2	89·5	96·4	98·0	26·0	72·0	25th	108·3	44·1	8th	64·2
June ...	90·6	93·5	100·1	102·5	23·7	78·8	16th & 25th	109·8	38·1	10th	71·7
July ...	88·6	90·1	96·2	98·1	18·0	80·1	26th	105·2	32·0	3rd & 4th	73·2
August ...	88·7	90·6	97·0	99·3	19·7	79·6	16th	106·7	35·0	21st	71·7
September ...	87·7	91·6	98·4	100·6	25·9	74·7	29th	103·2	37·9	29th	65·3
October ...	75·7	80·3	86·0	88·9	25·1	63·8	1st	102·2	48·7	21st & 24th	53·5
November ...	69·1	73·4	81·5	84·3	28·5	55·8	5th	90·7	42·4	30th	48·3
December ...	57·1	58·1	65·0	67·7	18·4	49·3	8th	76·9	34·8	16th	42·1
Year ...	74·9	77·8	84·7	86·9	23·1	63·8	...	109·8	71·0	...	38·8

18. RANIKHET (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	43·5	44·8	46·9	49·9	10·6	39·3	2nd	63·7	33·9	13th	29·8
February ...	43·3	44·3	47·5	50·0	12·4	37·6	27th & 28th	61·2	35·2	9th	26·0
March ...	51·7	53·7	56·6	59·4	14·2	45·2	3rd	68·1	31·1	16th	37·0
April ...	58·2	61·1	62·1	66·0	15·3	50·7	18th	75·0	38·0	1st	37·0
May ...	66·0	69·1	70·3	74·2	15·5	58·7	25th	83·4	35·4	7th	48·0
June ...	71·0	73·1	75·1	77·8	12·8	65·0	23rd, 6th to 10th	84·9	27·9	13th	57·0
July ...	69·1	70·6	71·9	75·5	10·8	64·7	12th & 22nd to 26th	78·5	19·5	2nd & 3rd	59·0
August ...	69·5	70·6	73·0	75·6	11·0	64·5	14th	81·0	20·5	27th	60·5
September ...	69·0	71·1	72·7	75·7	12·4	63·3	5th, 6th, 17th, 18th, 23rd & 27th	77·5	20·5	30th	57·0
October ...	59·7	62·9	63·8	66·8	12·5	54·3	1st & 2nd	76·5	27·5	23rd & 25th	49·0
November ...	57·8	60·8	61·8	65·2	14·4	50·8	21st	69·1	25·1	29th & 30th	44·0
December ...	49·6	52·3	52·2	56·7	12·2	44·5	26th	67·6	33·6	11th	34·0
Year ...	59·0	61·2	62·8	66·1	12·9	53·2	...	84·9	58·9	...	26·0

19. MEERUT (*corrected in part*).*

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	56·6	57·6	65·2	68·1	21·8	46·3	2nd	76·3	35·8	1st & 5th	40·5
February ...	56·6	58·0	66·2	67·8	22·2	45·6	27th	81·3	40·8	2nd & 5th	40·5
March ...	69·9	72·8	79·7	82·4	24·5	57·9	9th	88·3	36·2	3rd & 22nd	52·1
April ...	77·4	82·0	87·9	91·0	27·1	63·9	23rd	99·4	46·3	1st	53·1
May ...	85·9	90·3	96·5	99·3	26·9	72·4	24th & 25th	109·4	46·4	7th	63·0
June ...	91·8	95·0	100·8	104·4	24·9	79·5	16th, 17th 24th & 25th	110·4	36·5	3rd & 13th	73·9
July ...	90·9	91·8	96·3	99·8	17·2	82·6	26th	106·5	32·6	3rd & 4th	73·9
August ...	92·9	93·6	100·4	103·7	20·2	83·5	16th	108·5	35·3	21st	73·2
September ...	89·0	92·9	97·3	101·2	22·8	78·4	26th	103·3	34·8	29th	68·5
October ...	76·5	79·5	87·2	88·7	23·1	65·6	1st	103·5	49·0	26th	54·5
November ...	70·4	74·8	79·9	85·0	27·0	58·0	5th	90·3	42·4	30th	47·9
December ...	57·9	59·7	65·3	68·9	20·2	48·7	24th	77·8	36·9	11th	40·9
Year ...	76·3	79·0	85·2	88·4	23·2	65·2	...	110·4	69·9	...	40·5

20. BAREILLY (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	58·8	59·9	67·0	70·1	20·5	49·6	2nd	76·0	32·5	1st	43·5
February ...	57·9	59·4	67·8	69·9	22·8	47·1	28th	81·5	40·8	17th	41·0
March ...	70·1	72·7	81·2	84·2	25·5	58·7	10th	89·9	39·0	3rd	50·9
April ...	79·5	84·3	89·7	93·6	26·7	66·9	18th	101·6	47·7	1st	53·9
May ...	87·5	91·7	98·7	101·8	25·9	75·9	24th	110·4	42·3	9th	68·1
June ...	90·6	92·8	99·6	103·2	21·8	81·4	16th & 17th	110·6	38·8	4th	71·8
July ...	88·6	89·5	96·0	97·4	16·3	81·1	10th	102·4	28·6	3rd	73·8
August ...	89·6	92·0	97·1	100·4	18·7	81·7	16th	107·8	34·6	28th	73·2
September ...	89·2	91·2	100·0	101·4	22·9	78·5	29th	104·2	29·6	29th & 30th	74·6
October ...	76·2	79·4	86·1	88·5	21·6	66·9	1st	102·2	44·5	22nd	57·7
November ...	69·5	72·4	81·7	84·1	25·9	58·2	6th	90·3	40·0	30th	50·3
December ...	58·1	59·5	66·7	70·0	19·5	50·5	8th	77·5	33·7	11th	43·8
Year ...	76·3	78·7	86·0	88·7	22·3	66·4	...	110·6	69·6	...	41·0

* Corrected from 5th July.

21. AGRA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	60·5	60·5	69·3	70·7	21·0	49·7	30th	78·8	36·4	2nd	42·4
February ...	61·2	62·0	73·0	73·5	25·7	47·8	28th	86·8	46·9	5th	39·9
March ...	76·6	77·8	87·6	88·8	25·9	62·9	8th	97·7	42·1	3rd	55·6
April ...	84·9	86·6	94·7	96·0	24·1	71·9	17th	102·2	39·1	1st	63·1
May ...	92·2	94·6	100·3	103·1	22·9	80·2	22nd	113·7	45·1	8th	68·6
June ...	96·6	98·7	104·9	106·8	19·9	86·9	11th	115·2	35·2	3rd	80·0
July ...	93·0	93·5	98·8	101·2	17·2	84·0	26th	108·2	30·7	4th	77·5
August ...	90·3	90·1	102·6	104·8	18·6	86·2	16th & 17th	109·7	30·2	22nd	79·5
September ...	93·4	94·9	101·3	103·1	21·9	81·2	30th	107·7	33·2	30th	74·5
October ...	81·4	83·6	90·2	91·1	20·2	70·9	1st	107·7	45·7	27th	62·0
November ...	76·1	78·2	86·7	87·6	24·1	63·5	5th	94·2	43·7	30th	50·5
December ...	61·5	62·3	69·8	70·9	18·5	52·4	5th	79·0	37·1	13th	41·9
Year ...	81·1	82·4	89·9	91·5	21·7	69·8	...	115·2	75·3	...	39·9

22. LUCKNOW (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	61·4	63·3	69·8	72·4	23·3	49·1	30th	79·4	38·1	2nd	41·3
February ...	60·9	63·3	71·5	72·8	24·8	48·0	28th	84·7	43·9	6th	40·8
March ...	74·6	79·4	85·3	88·0	28·1	59·9	30th	94·8	43·6	4th	51·2
April ...	82·1	86·4	93·0	95·4	27·1	68·3	18th	105·0	51·9	1st	53·1
May ...	90·6	94·6	101·0	103·2	27·0	76·2	23rd	112·3	44·4	8th & 9th	67·9
June ...	93·7	96·4	102·2	105·0	23·2	81·8	23rd	112·8	37·5	8th	75·3
July ...	90·5	91·6	97·6	99·6	17·4	82·2	8th	106·8	28·5	2nd	78·3
August ...	91·1	94·0	97·5	101·4	19·5	81·9	16th	108·3	31·0	20th	77·3
September ...	91·0	94·3	100·2	102·8	24·3	78·5	22nd, 27th, 29th & 30th	105·8	37·4	29th	65·4
October ...	78·4	83·0	88·1	90·3	23·5	66·8	1st	105·8	51·7	27th	54·1
November ...	73·2	78·8	85·3	87·7	29·5	58·2	5th & 7th	92·8	38·7	29th & 30th	54·1
December ...	60·9	63·2	69·9	72·7	22·4	50·3	3rd, 8th & 25th	79·7	36·9	3rd	42·8
Year ...	79·0	82·4	88·5	90·9	24·1	66·8	...	112·8	72·0	...	40·8

23. GORAKHPUR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range	LOWEST MINIMUM. Day.	°
January ...	62·0	64·4	71·1	?	?	52·9	?	?	?	2nd	47·6
February ...	61·6	65·2	71·5	?	?	50·5	?	?	?	12th & 14th	45·6
March ...	73·8	79·1	85·0	?	?	62·6	?	?	?	5th	56·6
April ...	81·3	85·8	93·1	?	?	69·5	?	?	?	2nd	56·2
May ...	87·6	90·0	98·5	103·7	27·6	76·1	14th, 23rd & 24th	109·4	42·4	9th	67·0
June ...	89·3	91·3	98·2	101·3	21·0	80·3	20th	106·4	34·4	2nd	72·0
July ...	86·3	88·3	93·0	97·9	17·5	80·4	7th & 8th	104·4	28·4	2nd	76·0
August ...	85·8	88·1	91·0	94·4	14·8	79·6	13th	100·4	25·4	9th, 21st & 22nd	75·0
September ...	87·3	89·5	95·7	98·4	20·0	78·4	7th	104·4	31·4	11th	73·0
October ...	77·4	81·6	86·2	90·0	21·7	68·3	1st	100·4	41·3	24th	59·1
November ...	71·3	77·0	84·3	86·8	27·7	59·1	2nd	89·9	38·0	30th	51·9
December ...	60·3	63·7	71·1	73·8	23·4	50·4	4th & 6th	79·3	37·3	15th	42·0
Year ...	77·0	80·3	86·6	...	...	67·3	...	...	...	...	42·0

24. JHANSI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	63·1	66·0	69·5	73·6	20·3	53·3	1st & 28th	80·7	33·9	13th	46·8
February ...	63·5	66·2	72·2	75·7	23·1	52·6	28th	88·2	44·1	10th	44·1
March ...	77·2	80·5	86·0	89·2	23·4	65·8	9th	97·5	45·7	13th	51·8
April ...	84·1	86·7	90·9	92·7	17·2	75·5	23rd	98·7	32·6	1st	66·1
May ...	91·9	95·3	100·3	104·3	23·7	80·6	24th	113·7	45·6	8th	68·1
June ...	95·3	97·8	100·5	107·1	22·1	85·0	15th	115·9	38·6	3rd & 5th	77·3
July ...	90·1	91·2	97·2	100·8	18·4	82·4	30th	107·5	29·2	13th & 18th	78·3
August ...	90·3	92·2	96·0	100·9	18·1	82·8	16th & 17th	106·7	25·6	3rd	78·1
September ...	88·8	92·3	96·4	99·5	20·1	79·4	30th	106·5	31·2	1st & 2nd	75·3
October ...	81·8	85·9	89·5	92·8	21·5	71·3	1st	106·5	34·4	26th	62·1
November ...	77·9	82·6	86·5	88·8	24·9	63·9	6th	94·7	36·4	30th	58·3
December ...	64·8	68·0	72·4	74·5	19·9	54·6	24th	82·8	38·0	12th	44·8
Year ...	80·7	83·7	88·1	91·7	21·1	70·6	...	115·9	71·5	...	44·1

25. NOWGONG (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	No observations										
February ...	Ditto.										
March ...	Ditto.										
April ...	Ditto.										
May ...	Observatory opened, June 1877.										
June ...	93·6	98·5	102·6	103·5	19·0	84·5	15th	115·5	37·8	4th	77·7
July ...	87·6	90·7	94·1	94·7	13·6	81·1	26th	106·0	29·8	5th	76·2
August ...	87·6	91·1	93·7	?	?	81·5	?	?	?	5th & 28th.	76·0
September ...	86·5	90·2	95·5	?	?	77·4	?	?	?	13th & 16th	73·9
October ...	79·6	84·0	90·6	?	?	68·5	?	?	?	27th	56·1
November ...	72·9	79·3	86·4	?	?	59·4	?	?	?	30th	52·8
December ...	63·9	67·2	74·6	76·0	22·9	53·1	24th	85·9	45·8	12th	40·1
Year ...	...	...	...	...	...	...	...	...	...	...	...

26. SUTNA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	61·4	64·5	71·3	71·1	19·6	51·5	11th	79·5	39·6	1st	39·9
February ...	61·2	65·1	73·2	73·0	23·9	49·1	28th	84·9	43·3	14th	41·6
March ...	74·5	80·6	87·0	87·4	24·8	62·6	9th	94·8	39·9	5th	54·9
April ...	81·4	87·7	93·2	94·1	24·5	69·6	23rd	101·1	42·8	1st	58·3
May ...	87·8	93·7	99·2	101·4	24·9	76·5	24th	110·0	43·4	2nd	66·6
June ...	92·1	96·2	101·0	104·0	20·8	83·2	15th	111·1	35·6	5th	75·5
July ...	85·9	87·7	91·9	94·6	14·7	79·9	7th	100·7	27·7	19th	73·0
August ...	83·7	86·3	88·9	92·4	13·8	78·6	13th	98·4	27·8	4th	70·6
September ...	83·7	87·4	91·7	94·1	18·5	75·6	30th	101·3	30·8	30th	70·5
October ...	77·1	82·7	86·8	89·1	21·6	67·5	3rd	101·0	45·1	27th	55·9
November ...	71·7	80·1	85·2	87·3	29·2	58·1	6th	92·0	38·1	30th	53·9
December ...	64·0	68·3	75·8	76·4	24·2	52·2	24th	85·2	45·3	12th	39·9
Year ...	77·1	81·7	87·1	88·7	21·7	67·0	...	111·1	71·2	...	39·9

27. ALLAHABAD (*corrected*).

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	60·2	52·8	61·8	69·2	57·2	71·2	19·2	52·0	31st	77·9	35·4	1st	42·5
February	59·8	50·0	62·8	70·9	55·4	72·6	23·4	49·2	28th	85·7	42·5	11th	43·2
March ...	74·6	63·1	79·1	86·5	69·4	89·0	27·5	61·5	30th	94·8	40·5	3rd	54·3
April ...	83·2	71·7	88·2	94·5	78·2	97·3	27·4	69·9	18th	104·5	44·8	1st & 2nd	59·7
May ..	91·1	80·0	96·2	101·7	86·6	105·0	26·9	78·1	23rd	114·3	42·9	7th	71·4
June ...	93·1	84·6	97·6	101·5	88·6	105·9	22·9	83·0	23rd	113·3	36·5	5th	76·8
July ...	90·3	84·5	92·4	96·6	87·7	99·5	17·1	82·4	10th & 29th	105·0	27·5	4th	77·5
August ...	90·5	84·4	92·9	96·8	87·8	99·2	17·5	81·7	16th	107·2	30·0	31st	77·2
September	89·0	80·7	92·3	97·7	85·2	98·9	20·8	78·1	30th	105·5	34·1	29th	71·4
October	79·7	71·3	84·2	88·5	74·9	90·5	22·0	68·5	1st	106·7	50·3	27th	56·4
November	73·7	62·6	78·4	85·5	68·2	87·7	27·8	59·9	6th	92·9	38·2	30th	54·7
December	63·1	54·3	65·6	73·2	59·2	74·5	22·7	51·8	25th	82·7	39·3	13th	43·4
Year ...	79·0	70·0	82·6	88·6	74·9	90·9	22·9	68·0	...	114·3	71·8	...	42·5

28. BENARES (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	61·4	64·0	70·5	72·9	22·5	50·4	31st	79·3	36·9	1st, 2nd & 11th.	42·4
February	61·0	64·6	72·1	73·8	25·0	48·8	28th	86·5	44·1	11th	42·4
March ...	75·2	80·2	87·9	90·2	29·0	61·2	20th	96·5	43·0	4th	53·5
April ...	83·2	88·5	95·2	97·2	27·0	70·2	27th	104·0	45·1	2nd	58·9
May ..	90·8	95·6	101·6	103·5	25·4	78·1	23rd & 24th	113·5	44·0	9th	69·5
June ...	93·4	96·6	101·3	105·3	21·7	83·6	23rd	113·0	34·0	4th & 8th	79·0
July ...	87·3	89·4	93·4	96·7	16·2	80·5	10th	104·0	30·9	25th	73·1
August ...	87·2	88·8	93·0	95·8	15·9	79·9	19th	102·9	27·7	20th	75·2
September	85·1	87·2	96·1	98·8	21·0	77·8	29th	105·5	33·5	29th	72·0
October	78·5	84·9	88·5	92·6	24·6	68·0	1st	105·9	48·2	28th	57·7
November	73·4	79·7	86·3	89·0	30·2	58·8	6th	94·6	39·1	23rd, 29th & 30th.	55·5
December	62·7	67·0	74·0	76·6	25·6	51·0	25th	88·4	40·8	22nd	42·6
Year ...	78·3	82·2	88·3	91·0	23·6	67·4	...	113·5	71·1	...	42·4

29. SIBSAGAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	59·0	58·2	69·4	71·3	21·0	47·3	18th	76·7	26·6	9th	40·1
February ...	61·4	61·5	70·2	72·7	22·2	50·5	27th & 28th	82·5	39·5	15th	43·0
March ...	68·0	68·4	75·8	78·6	20·0	58·6	27th	86·1	39·8	4th	46·3
April ...	72·7	73·4	79·5	81·9	17·3	64·6	19th	89·5	33·1	6th	56·1
May ...	76·8	77·4	81·7	84·2	14·1	70·1	29th	96·1	31·2	10th	64·9
June ...	83·6	83·5	87·9	91·6	14·9	76·7	22nd	99·0	28·6	2nd	70·4
July ...	83·5	83·5	87·6	90·8	13·0	77·8	11th	97·5	23·7	30th	73·8
August ...	84·4	84·2	90·0	92·7	14·5	78·2	10th	99·5	25·4	29th	74·1
September ...	80·7	80·6	84·8	87·7	12·1	75·6	1st	96·3	25·5	30th	70·8
October ...	76·1	76·9	82·3	84·5	15·4	69·1	4th	89·5	26·6	24th	62·9
November ...	69·4	70·1	77·1	79·2	18·3	60·9	5th	84·4	28·6	11th	55·8
December ...	61·8	60·6	69·8	71·7	19·2	52·5	10th	76·6	27·2	17th	49·4
Year ...	73·1	73·2	79·7	82·2	17·0	65·2	...	99·5	59·4	...	40·1

30. GOALPARA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	63·2	62·8	71·1	73·4	19·6	53·8	29th	76·6	26·9	10th	49·7
February ...	64·6	64·8	72·7	74·8	20·2	54·6	28th	85·6	38·4	11th	47·2
March ...	73·5	75·1	80·8	83·7	20·4	63·3	29th	90·4	34·3	18th	56·1
April ...	75·5	76·8	82·6	85·0	18·5	66·5	21st	93·2	35·1	3rd	58·1
May ...	78·0	78·7	83·2	85·3	14·4	70·9	29th	92·6	26·3	6th	66·3
June ...	83·0	84·3	85·6	89·9	13·2	76·7	22nd	94·0	22·6	3rd	71·4
July ...	81·4	82·4	83·7	87·9	11·1	76·8	11th	94·8	20·2	29th	74·6
August ...	83·5	81·6	87·2	90·6	12·7	77·9	7th	95·7	21·3	8th	74·4
September ...	79·7	80·2	82·5	85·2	9·8	75·4	4th	96·2	25·6	30th	70·6
October ...	77·1	79·0	82·1	84·3	14·0	70·3	5th	87·9	23·3	25th	64·6
November ...	72·5	74·3	79·4	82·2	18·5	63·7	4th	86·1	26·9	30th	59·2
December ...	64·7	63·4	72·3	75·0	18·7	56·3	28th	77·7	25·2	1st	52·5
Year ...	74·7	75·5	80·3	83·1	15·9	67·2	...	96·2	49·0	...	47·2

31. DARJEELING (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	41·9	43·8	46·6	50·1	14·5	35·6	17th	53·6	22·2	13th	31·4
February ...	40·0	41·5	43·6	46·9	11·8	35·1	28th	60·1	31·0	10th	29·1
March ...	50·2	52·9	54·6	59·4	15·4	44·0	23rd	66·2	29·7	17th & 18th	36·5
April ...	53·0	54·6	57·2	61·8	14·3	47·5	25th	70·5	32·5	2nd	38·0
May ...	58·5	60·6	61·7	66·7	13·2	53·5	29th	74·9	27·0	9th	47·9
June ...	63·6	64·6	67·1	70·4	11·1	59·3	22nd	75·9	20·6	1st & 6th	55·3
July ...	63·9	65·1	66·2	69·3	8·6	60·7	11th	84·2	25·9	2nd	58·3
August ...	64·6	65·8	67·6	70·9	10·5	60·4	28th	78·1	20·6	27th	57·5
September ...	61·4	62·8	63·8	67·2	9·3	57·9	3rd	75·1	21·8	30th	53·3
October ...	56·7	58·4	60·3	65·8	14·2	51·6	5th	70·9	25·7	24th	45·2
November ...	51·9	55·3	56·6	63·0	18·0	45·0	4th & 7th	69·7	29·6	30th	40·1
December ...	45·0	47·3	49·0	53·1	13·5	39·6	10th	60·7	25·8	16th	34·9
Year ...	54·2	56·1	57·9	62·1	12·9	49·2	...	84·2	55·1	...	29·1

32. PURNEAH (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	?	65·1	71·7	75·0	?	?	30th & 31st	78·6	?	?	?
February ...	?	66·2	72·5	75·4	?	?	28th	87·2	?	?	?
March ...	76·6	78·7	86·0	90·5	26·3	64·2	23rd & 28th	95·7	37·0	27th	58·7
April ...	79·7	82·7	89·9	93·4	26·8	66·6	26th	102·6	47·0	5th	55·6
May ...	83·6	85·9	91·3	95·0	21·3	73·7	11th	102·9	35·7	6th	67·2
June ...	85·6	88·3	90·4	95·1	16·3	78·8	30th	99·9	28·1	2nd	71·8
July ...	83·1	84·4	85·3	90·9	12·0	78·9	1st	99·2	23·8	8th	75·4
August ...	85·1	86·2	88·6	92·7	13·4	79·3	28th	98·4	23·5	20th	74·9
September ...	83·4	84·8	86·8	90·4	12·4	78·0	3rd & 5th	95·8	21·4	10th	74·4
October ...	78·6	81·9	84·5	87·9	17·1	70·8	20th	91·7	31·1	25th	60·6
November ...	73·1	78·1	82·0	84·3	23·5	60·8	2nd	86·6	31·0	30th	55·6
December ...	63·4	67·0	73·1	75·4	23·7	51·7	29th	81·1	36·6	13th	44·5
Year ...	...	79·1	83·5	87·2	...	...	...	202·9	...	...	...

33. DURBHANGA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	61·9	65·7	70·6	71·6	18·3	53·3	7th	75·6	26·1	15th	49·5
February ...	61·2	66·4	71·0	71·2	19·9	51·3	28th	82·2	36·7	11th	45·5
March ...	73·0	78·8	83·7	84·0	21·6	62·4	28th	91·8	36·5	1st	55·3
April ...	79·3	83·4	90·0	90·0	21·4	68·6	27th	100·0	41·6	2nd	58·4
May ...	83·3	86·0	91·7	92·1	17·2	74·9	15th	101·8	34·4	9th	67·4
June ...	87·0	89·4	93·9	95·2	15·2	80·0	22nd	100·7	32·5	2nd	68·2
July ...	84·2	85·8	88·9	89·8	10·3	79·5	18th	97·7	21·6	29th	76·1
August ...	84·4	86·2	88·7	89·1	8·9	80·2	13th	95·7	20·6	19th	75·1
September ...	83·4	85·1	87·8	88·7	9·7	79·0	4th	95·4	21·6	13th	73·8
October ...	78·0	80·4	84·7	84·9	13·5	71·4	20th	89·4	26·5	24th	62·9
November ...	72·9	76·1	81·9	82·1	18·1	64·0	1st	84·9	29·5	30th	55·4
December ...	63·1	64·8	71·8	72·2	17·9	54·3	19th	77·4	30·1	13th	47·3
Year ...	76·0	79·0	83·7	84·2	16·0	68·2	...	101·8	56·3	...	45·5

34. PATNA (*corrected*).

MONTH.	Mean.	10 hours.	1 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	62·0	64·8	70·0	72·5	20·6	51·9	31st	78·2	33·4	15th	44·8
February ...	61·1	64·6	70·0	73·0	23·6	49·4	28th	83·6	40·2	11th	43·4
March ...	75·4	79·7	85·4	88·8	26·8	62·0	30th	96·4	41·7	1st	54·7
April ...	84·4	88·1	93·7	97·4	25·9	71·5	23rd	106·6	48·5	2nd	58·1
May ...	87·3	90·2	95·2	100·0	23·5	76·5	24th	110·3	42·5	9th	68·3
June ...	90·4	91·9	97·2	101·4	19·2	82·2	20th	108·6	33·0	8th	75·6
July ...	86·5	87·1	91·1	94·2	13·9	80·3	7th	105·0	30·8	22nd	74·2
August ...	86·3	87·6	90·2	94·3	14·1	80·2	7th, 17th, & 29th.	99·8	24·0	9th	75·8
September ...	86·8	88·5	91·3	95·7	16·1	79·6	29th	103·0	27·0	30th	76·0
October ...	80·0	83·6	86·2	89·8	19·0	70·8	1st	102·6	41·5	24th	61·1
November ...	74·2	79·6	83·3	87·2	26·1	61·1	1st & 5th	89·8	34·7	29th & 30th	55·1
December ...	62·8	65·9	71·4	75·1	23·5	51·6	29th	83·2	39·4	17th	42·8
Year ...	78·1	81·0	85·4	89·1	21·0	68·1	...	110·8	68·0	...	42·8

35. GYA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	63·9	67·4	71·7	71·6	18·5	53·1	30th & 31st	75·6	29·4	2nd	46·2
February ...	64·1	68·8	72·1	72·6	20·6	52·0	26th	83·1	36·5	12th	46·6
March ...	76·8	82·2	86·0	90·4	26·7	63·7	29th	95·6	41·0	1st	54·6
April ...	84·5	89·5	94·5	97·3	26·4	70·9	18th & 27th	104·2	44·2	1st & 2nd	60·0
May ...	89·0	92·6	97·5	100·5	24·1	76·4	12th	109·2	40·1	3rd & 9th	69·1
June ...	90·9	92·9	99·1	102·0	21·3	80·7	21st & 22nd	108·2	29·4	8th	78·8
July ...	87·0	88·3	92·6	94·7	14·4	80·3	9th	102·8	25·9	20th	76·9
August ...	85·1	86·7	89·6	92·5	13·6	78·9	13th	98·6	23·7	9th	74·9
September ...	87·3	89·3	92·5	94·7	15·2	79·5	30th	100·7	25·2	11th	75·5
October ...	80·7	82·6	88·4	89·5	18·5	71·0	1st	100·0	37·2	27th	62·8
November ...	75·5	78·3	86·5	87·8	24·5	63·3	6th	90·5	32·1	11th	58·4
December ...	66·1	73·3	75·3	77·5	23·4	54·1	29th	85·5	39·6	14th	45·9
Year ...	79·2	82·7	87·2	89·3	20·6	68·7	...	109·2	63·3	...	45·9

36. HAZARIBAGH (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	61·0	64·6	68·8	70·7	18·5	52·2	30th	78·8	32·8	2nd	46·0
February ...	60·0	63·7	69·8	71·1	20·5	50·6	28th	81·1	38·1	16th	43·0
March ...	72·8	77·9	83·4	84·8	23·1	61·7	22nd	92·4	38·4	17th	54·0
April ...	79·0	84·1	88·7	90·4	22·8	67·6	26th	96·7	40·7	2nd	56·0
May ...	83·5	88·2	91·2	94·3	21·5	72·8	24th	101·5	37·5	9th	64·0
June ...	84·2	87·9	90·3	93·5	17·7	75·8	15th	102·5	33·5	4th	69·0
July ...	80·5	82·3	85·1	87·0	12·6	74·4	16th	94·0	23·2	8th	70·8
August ...	79·0	81·1	81·5	85·1	11·3	73·8	13th	90·6	20·1	9th	70·5
September ...	80·5	83·5	85·2	87·4	14·2	73·2	21st, 22nd & 28th & 29th	91·8	21·0	11th	70·8
October ...	75·3	79·9	81·3	83·9	17·0	66·9	1st	92·1	33·6	27th	58·5
November ...	71·2	77·5	79·3	81·3	21·3	60·0	7th	85·1	28·9	30th	56·2
December ...	62·6	67·2	71·5	73·9	21·6	52·3	29th	79·8	37·0	14th	42·8
Year ...	74·1	78·2	81·3	83·6	18·5	65·1	...	102·5	59·7	...	42·8

37. BERHAMPORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	64·4	66·7	73·7	76·3	21·2	55·1	30th & 31st	80·6	29·4	15th	51·2
February ...	64·1	67·5	74·0	76·7	22·7	54·0	28th	86·6	37·5	18th	49·1
March ...	76·1	80·4	88·0	91·5	26·3	65·2	22nd & 23rd	98·7	42·5	1st	56·2
April ...	80·5	86·0	91·2	95·0	24·1	70·9	24th	105·2	43·0	2nd & 4th	62·2
May ...	84·7	90·5	94·3	99·2	22·5	76·7	24th	108·7	38·8	3rd	69·9
June ...	83·3	87·4	88·9	94·1	15·7	78·4	1st	102·7	28·7	2nd	74·0
July ...	82·4	84·5	86·3	89·7	10·8	78·9	17th	94·7	20·1	7th	74·6
August ...	82·4	84·7	86·1	89·2	10·3	78·9	28th	95·9	23·4	18th	72·5
September ...	83·0	85·1	87·4	90·3	11·3	79·0	3rd to 5th	94·7	21·5	13th	73·2
October ,,	79·4	82·8	85·1	87·8	14·1	73·7	20th	91·9	25·2	25th	66·7
November ...	74·8	79·0	82·6	84·9	19·1	65·8	27th	89·6	29·4	30th	60·2
December ...	65·9	69·3	75·1	77·3	21·3	56·0	2nd	84·6	36·5	17th	48·1
Year ...	76·8	80·3	84·4	87·7	18·3	69·4	...	108·7	60·6	...	48·1

38. BURDWAN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	66·9	70·3	76·7	76·8	20·6	56·2	30th	84·0	31·7	5th	52·3
February ...	66·5	70·5	76·9	77·1	21·6	55·5	28th	89·5	40·2	10th	49·3
March ...	79·2	83·1	90·7	92·0	23·3	68·7	22nd	100·4	41·0	1st	59·4
April ...	82·9	87·7	94·1	95·5	2·7	72·8	24th	105·9	41·5	4th	64·4
May ...	85·5	90·7	96·7	99·3	22·7	76·6	12th	109·2	39·1	9th	70·1
June ...	85·2	88·7	92·0	94·2	14·9	79·3	21st	104·4	28·5	2nd	75·9
July ...	84·0	86·2	89·1	91·0	11·9	79·1	3rd	95·9	21·7	9th	74·2
August ...	83·2	85·6	87·3	89·7	10·5	79·2	7th	96·3	21·9	21st	74·4
September ...	84·4	87·1	89·2	91·1	11·7	79·4	18th	95·4	19·5	12th	75·9
October ,,	81·0	84·9	87·3	89·1	14·8	74·3	1st	93·9	26·5	25th	67·4
November ...	77·0	81·9	85·7	87·1	20·6	66·5	27th	91·5	28·2	18th	63·3
December ...	68·5	72·1	78·3	79·3	21·6	57·7	26th	84·5	33·0	18th	51·5
Year ...	78·7	82·4	87·0	88·5	18·1	70·4	...	109·2	59·9	...	49·3

39. JESSORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	64·6	70·3	72·6	77·1	23·4	53·7	30th	82·7	32·4	2nd	50·3
February ...	65·0	70·1	74·5	77·0	23·0	54·0	28th	87·2	39·8	15th	47·4
March ...	77·4	81·7	87·3	89·9	22·1	67·8	22nd	99·1	43·2	1st	55·9
April ...	80·4	85·0	89·4	93·5	21·0	72·5	25th	103·1	39·6	7th	63·5
May ...	82·5	87·5	89·4	93·9	17·7	76·2	23rd	101·2	34·7	3rd	66·5
June ...	82·9	86·0	87·9	91·4	12·7	78·7	20th	97·7	23·0	13th	74·7
July ...	82·3	84·7	86·5	89·5	11·3	78·2	27th	98·3	23·9	15th & 16th	74·4
August ...	81·9	84·3	85·7	88·7	10·6	78·1	7th	95·6	21·7	19th	73·9
September ...	82·6	85·7	86·2	89·8	10·8	79·0	3rd	95·1	20·3	12th	74·8
October ...	80·4	84·7	85·7	89·1	14·8	74·3	21st	93·3	26·8	25th	66·5
November ...	75·2	81·1	82·2	85·8	20·5	65·3	21st	91·8	30·3	16th & 17th	61·5
December ...	67·2	73·4	75·1	79·3	23·6	55·7	1st	89·1	40·5	16th	48·6
Year ...	76·9	81·2	83·5	87·1	17·6	69·5	...	103·1	55·7	...	47·4

40. DACCA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	66·8	70·1	75·1	77·6	21·7	55·9	30th	82·1	30·4	1st	51·7
February ...	67·5	71·4	75·9	77·2	22·0	55·2	28th	87·5	38·9	10th	48·6
March ...	77·6	80·6	85·8	87·9	20·4	67·5	21st	91·9	34·7	1st	57·2
April ...	79·7	83·5	84·9	89·6	18·3	71·3	20th	96·4	33·1	4th	63·3
May ...	83·3	87·2	87·3	91·3	16·0	75·3	13th	95·3	26·0	1st & 5th	69·3
June ...	83·5	85·0	86·2	90·1	11 9	78·2	20th	94·9	22·9	3rd	72·0
July ...	83·6	84·8	85·7	88·1	8·7	79·4	1st	92·8	17·1	7th	75·7
August ...	83·9	84·5	86·4	88·3	9·3	79·0	7th & 29th	92·8	18·4	9th	74·4
September ...	84·0	86·0	85·8	88·6	9·7	78·9	3rd	95·6	23·6	13th	72·0
October ...	82·1	84·5	85 9	88·0	13·6	74·4	21st	91·7	24·5	25th	67·2
November ...	76·6	80·7	82·4	85·3	18·7	66·6	28th	87·6	24·9	23rd	62·7
December ...	69·1	72·3	76·6	79·4	21·6	57·8	1st	84·5	31·3	14th	53·2
Year ...	78·1	80·9	83·2	86·0	16·0	70·0	...	96·4	47·8	...	48·6

41. SILCHAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	63·8	65·4	74·6	75·0	22·3	52·7	6th	79·4	32·4	3rd	47·0
February ...	64·5	66·5	75·0	75·5	22·4	53·1	28th	84·4	39·1	11th	45·3
March ...	72·7	74·6	81·8	82·1	19·3	62·8	15th	88·5	33·3	3rd	55·2
April ...	76·7	78·9	84·3	84·6	16·9	67·7	19th	92·5	32·1	4th	60·4
May ...	79·4	81·5	85·1	85·4	13·5	71·9	28th	94·6	28·3	8th	66·3
June ...	83·3	85·3	88·0	89·0	12·1	76·9	20th	96·9	23·7	3rd	73·2
July ...	81·8	83·2	85·3	85·7	8·4	77·3	11th	95·9	21·1	24th	74·8
August ...	83·3	84·3	88·7	89·3	12·1	77·2	10th	95·9	22·2	19th	73·7
September ...	80·8	81·7	84·8	85·2	9·1	76·1	2nd	97·2	26·3	30th	70·9
October ...	78·9	80·7	86·1	86·5	15·6	70·9	5th	91·5	29·4	24th	62·1
November ...	74·8	77·7	82·8	83·4	17·9	65·5	5th	87·7	28·4	17th	59·3
December ...	65·7	67·3	75·7	76·3	21·0	55·3	10th	82·4	32·0	15th & 17th—19th	50·4
Year ...	75·5	77·3	82·7	83·2	15·9	67·3	...	97·2	51·9	...	45·3

42. CHITTAGONG (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	67·8	69·6	76·5	78·5	22·4	56·1	30th	82·9	32·1	1st	50·8
February ...	68·0	70·3	75·8	78·4	21·7	56·7	24th—27th	85·7	36·9	17th	48·8
March ...	75·9	79·9	82·9	85·5	20·6	64·9	17th & 18th	89·5	31·2	8th	58·3
April ...	79·9	83·1	85·7	87·8	18·5	70·3	30th	93·6	30·3	5th	63·3
May ...	83·7	86·8	88·6	92·0	16·9	75·1	16th	96·3	28·5	27th	67·8
June ...	81·4	85·4	86·1	?	?	76·6	?	?	?	29th	72·3
July ...	81·3	83·4	83·7	86·7	10·6	76·1	9th	91·5	18·9	6th	72·6
August ...	81·4	84·2	84·1	87·0	11·3	75·7	28th	91·7	18·9	18th	72·8
September ...	82·0	84·2	85·5	88·2	12·2	76·0	3rd	94·5	20·9	13th, 14th & 16th	73·6
October ...	79·9	83·4	85·1	88·0	16·2	71·8	9th—12th	90·0	23·6	25th	66·4
November ...	75·9	79·3	81·8	84·7	18·6	66·1	1st	90·3	28·0	22nd	62·3
December ...	69·2	71·1	76·9	80·5	22·3	58·2	10th	85·9	33·4	18th	52·5
Year ...	77·2	80·1	82·7	...	...	68·6	...	...	...	...	48·8

43. DEMAGREE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	No observations.										
February ...	Ditto.										
March ...	Observatory opened April 1877.										
April ...	75·2	79·8	83·8	89·8	23·2	66·6	17th	96·8	36·7	1st & 7th	60·1
May ...	80·6	81·4	88·6	91·6	19·1	72·5	14th	96·0	28·9	5th	67·1
June ...	80·4	82·9	85·1	88·5	12·8	75·7	29th	93·2	20·2	4th	73·0
July ...	78·3	82·0	81·3	84·5	9·3	75·2	2nd	92·0	20·8	8th	71·2
August ...	79·5	82·9	83·5	84·8	9·3	75·5	27th	92·2	20·4	18th	71·8
September ...	78·6	82·5	82·8	85·4	11·0	74·4	2nd	92·4	21·0	13th & 18th	71·4
October ...	77·0	78·9	83·5	?	?	70·5	?	?	?	24th	62·4
November ...	73·8	75·4	80·6	?	?	67·0	?	?	?	21st	60·8
December ...	...	...	...	...	...	...	...	...	...	...	...
Year ...	...	...	...	...	...	...	...	...	...	...	...

44. CALCUTTA (*uncorrected*).

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	67·7	62·1	69·1	74·7	66·2	76·1	15·4	60·7	30th	83·0	25·5	1st & 15th	57·5
February ...	68·0	62·7	69·8	74·9	66·4	76·3	15·5	60·8	28th	86·0	30·0	4th & 11th	56·0
March ...	79·5	73·7	81·3	87·2	77·1	88·2	15·5	72·7	22nd	93·9	27·9	1st	66·0
April ...	82·6	...	84·9	90·4	...	91·8	15·2	76·6	25th	99·0	31·0	7th	68·0
May ...	85·2	...	88·4	92·8	...	94·7	15·2	79·5	25th	102·0	29·0	9th	73·0
June ...	84·4	...	86·8	88·9	...	91·6	10·7	80·9	21st	97·0	19·5	23rd	77·5
July ...	82·6	...	83·3	86·2	...	88·8	8·7	80·1	9th	94·2	17·7	9th	76·5
August ...	82·4	...	83·7	85·3	...	87·6	7·5	80·1	6th, 13th & 29th	91·0	16·0	21st	75·0
September ...	83·6	...	85·4	86·7	...	89·0	8·5	80·5	3rd	93·0	16·2	11th	76·8
October ...	81·4	...	84·0	85·6	...	88·1	10·8	77·3	1st	91·7	19·2	25th	72·5
November ...	77·2	...	80·0	82·9	...	84·7	13·8	70·9	4th	87·5	19·5	13th	68·0
December ...	69·7	...	71·5	76·5	...	78·4	15·6	62·8	1st	84·0	27·2	17th	56·8
Year ...	78·7	...	80·7	84·3	...	86·3	12·7	73·6	...	102·0	46·0	...	56·0

45. ALIPORE (*corrected*).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	No observations.												
February ...	Ditto.												
March ...	Observatory opened April 1877.												
April ...	79·8	74·8	85·0	89·7	76·9	92·2	18·5	73·4	25th	100·4	34·9	4th	65·5
May ...	82·8	78·3	88·6	92·3	80·4	95·9	18·9	77·0	25th	103·1	33·0	5th	70·1
June ...	82·6	79·9	86·5	87·9	81·2	91·8	13·3	78·5	21st	97·2	22·7	1st	74·5
July ...	81·8	79·7	84·1	85·4	80·9	88·8	10·8	78·0	9th & 17th to 19th	92·7	19·1	9th	73·6
August ...	81·5	79·7	83·5	84·6	81·4	88·1	9·6	78·5	6th	90·9	17·9	21st	73·0
September ...	82·3	79·7	85·1	85·8	81·2	88·7	10·4	78·3	3rd	92·9	18·0	11th & 12th	74·9
October ...	79·1	75·2	83·4	84·7	77·5	87·8	13·6	74·2	21st	90·5	21·9	25th	68·6
November ...	74·0	67·2	78·9	82·9	70·7	84·2	18·3	65·9	3rd	86·7	24·2	13th & 14th	62·5
December ...	66·9	60·0	70·6	76·7	63·6	78·5	20·7	57·8	1st	83·7	33·7	16th	50·0
Year ...	...	...	...	...	...	...	...	...	...	...	...	...	...

46. SAUGOR ISLAND (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	67·8	61·2	70·4	75·1	64·6	76·2	17·0	59·2	12th & 29th	79·1	24·7	4th	54·4
February ...	68·8	63·0	71·7	74·8	65·6	76·1	16·0	60·1	28th	85·8	33·0	10th	52·8
March ...	79·8	76·7	81·6	82·8	78·3	84·5	9·9	74·6	14th	88·5	24·6	17th	63·9
April ...	82·8	80·0	85·2	85·2	81·0	87·4	9·6	77·8	28th	94·2	26·0	4th	68·2
May ...	85·5	82·3	87·5	88·6	83·7	89·7	10·0	79·7	26th	92·9	21·9	9th	71·0
June ...	85·6	83·9	87·0	87·4	84·3	89·2	7·8	81·4	21st	92·5	16·8	4th	75·7
July ...	84·3	82·6	85·2	85·9	83·3	87·5	6·9	80·6	6th	91·9	16·5	31st	75·4
August ...	84·0	82·0	84·9	85·8	83·3	87·4	7·6	79·8	28th	91·3	16·9	21st & 29th	74·4
September ...	84·8	82·4	86·2	87·0	83·6	88·5	8·0	80·5	4th & 5th	92·2	14·7	3rd	77·5
October ...	82·1	78·3	85·0	85·9	79·5	88·1	11·6	76·5	19th	91·2	21·9	25th	69·3
November ...	77·4	71·6	80·8	83·4	73·6	85·2	15·2	70·0	8th	87·3	23·1	13th	64·2
December ...	70·2	64·1	72·6	77·2	67·0	77·9	16·4	61·5	1st	84·8	33·6	17th	51·2
Year ...	79·4	75·7	81·5	83·3	77·3	84·8	11·3	73·5	...	94·2	43·0	...	51·2

47. CUTTACK (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	71·1	73·4	80·2	83·0	22·6	60·4	30th	92·5	40·0	1st	52·5
February ...	71·8	74·1	79·0	82·0	18·4	63·6	28th	93·8	34·9	15th	58·9
March ...	83·0	85·9	92·6	96·4	24·5	71·9	22nd	103·2	39·0	1st	64·2
April ...	85·2	88·5	93·8	98·4	23·6	74·8	27th	106·5	39·0	4th	67·5
May ...	88·2	91·1	96·2	100·3	21·9	78·4	26th	110·5	40·7	3rd	69·8
June ...	86·6	89·1	93·2	96·1	16·6	79·5	1st & 11th	104·8	30·0	4th	74·8
July ...	84·9	86·7	89·6	92·7	13·4	79·3	17th	97·9	23·5	13th	74·4
August ...	83·9	85·9	86·9	90·5	11·7	78·8	17th	95·4	20·3	22nd	75·1
September ...	84·6	87·0	88·4	92·1	13·8	78·3	18th	96·7	20·9	17th	75·8
October ...	82·9	86·6	87·2	92·1	16·7	75·4	2nd	95·9	25·3	28th	70·6
November ...	78·1	81·9	86·0	89·1	22·2	66·9	29th	92·7	30·9	13th	61·8
December ...	74·7	77·6	83·5	86·5	22·4	64·1	19th	90·9	34·9	17th	56·0
Year ...	81·3	84·0	88·0	91·6	19·0	72·6	...	110·5	58·0	...	52·5

48. FALSE POINT (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	69·4	63·9	71·4	73·0	69·4	...	...	...	...	...	...	...	...
February ...	70·7	66·0	73·2	73·6	70·0	...	...	...	...	...	...	...	...
March ...	79·3	75·7	81·0	81·7	78·9	...	...	...	...	...	...	...	...
April ...	81·6	78·4	83·9	83·5	80·6	...	...	...	...	...	...	...	...
May ...	84·8	82·1	86·6	86·7	83·7	...	...	...	...	...	...	...	...
June ...	84·8	82·6	86·4	86·2	83·9	...	...	...	...	...	...	...	...
July ...	83·6	81·7	84·5	85·5	82·8	...	...	...	...	...	...	...	...
August ...	82·6	80·6	83·6	84·5	81·6	...	...	...	...	...	...	...	...
September ...	84·1	81·2	85·9	86·0	83·2	...	...	...	...	...	...	...	...
October ...	83·4	79·4	85·5	86·3	82·6	...	...	...	...	...	...	...	...
November ...	75·1	...	80·4	82·4	...	86·4	18·5	67·9	8th	89·3	25·0	13th & 24th	64·3
December ...	70·4	...	76·7	77·5	...	81·1	17·9	63·2	1st	85·5	29·8	18th	55·7
Year ...	79·2	...	81·6	82·2	...	...	...	...	...	...	...	...	...

49. SAMBALPUR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	67·9	69·7	77·4	80·3	22·0	58·3	30th	88·2	42·1	1st	46·1
February ...	72·6	71·8	83·0	84·9	22·8	62·1	28th	93·2	39·0	10th	54·2
March ...	79·1	83·4	91·3	95·3	28·5	66·8	23rd & 24th	102·9	44·2	6th	58·7
April ...	83·6	86·7	95·0	98·4	26·3	72·1	23rd	106·4	41·7	4th	65·2
May ...	88·7	92·2	99·6	103·1	25·3	77·8	31st	111·4	44·1	2nd	67·3
June ...	88·6	90·2	95·7	100·6	19·1	81·5	16th	110·9	36·6	26th	74·3
July ...	83·4	85·0	89·0	92·0	14·2	77·8	6th	99·3	28·5	11th	70·8
August ...	81·0	81·6	85·1	89·0	12·2	76·8	26th	95·3	21·5	23rd	73·8
September ...	83·7	85·4	90·5	94·1	17·2	76·9	21st	98·8	24·5	10th	74·3
October ...	80·9	83·2	88·6	93·1	20·0	73·1	3rd	98·3	35·1	29th	63·2
November ...	74·2	76·8	85·6	88·7	25·9	62·8	28th	92·2	34·5	21st	57·7
December ...	72·1	73·1	82·2	85·0	23·1	61·9	1st	90·2	35·0	28th	55·2
Year ...	79·6	81·6	88·6	92·0	21·3	70·7	...	111·4	65·3	...	46·1

50. RAIPUR (*partly corrected*).*

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	66·9	70·3	75·6	77·7	19·5	58·2	29th & 30th	84·6	34·1	1st	50·5
February ...	70·0	74·1	79·8	81·3	21·2	60·1	28th	90·5	39·5	10th	51·0
March ...	79·4	84·4	89·7	92·7	23·7	69·0	23rd & 27th	98·6	38·3	17th	60·3
April ...	80·0	82·4	89·7	93·9	28·6	70·3	21st to 23rd	101·6	38·5	4th	63·1
May ...	85·6	90·0	95·5	100·5	24·8	75·7	31st	110·6	43·3	1st & 3rd	67·3
June ...	86·9	89·1	95·6	99·7	21·5	78·2	1st & 16th	111·6	41·3	27th	70·3
July ...	80·9	83·6	87·1	90·9	16·3	74·6	9th	97·5	27·2	13th, 14th & 26th.	70·3
August ...	77·8	79·8	82·5	86·3	13·3	73·0	19th	93·0	22·7	6th, 7th & 12th.	70·3
September ...	81·1	84·0	87·7	91·1	16·7	74·4	21st & 22nd	94·8	23·5	9th	71·3
October ...	77·0	81·3	84·5	88·5	19·0	69·5	3rd	95·5	38·2	29th	57·3
November ...	72·6	78·7	83·8	87·1	25·7	61·4	28th	91·2	35·9	24th	55·3
December ...	71·0	74·1	80·7	83·6	22·3	61·3	25th & 31st	88·5	34·2	14th	54·3
Year ...	77·4	81·0	86·1	89·4	20·6	68·8	...	111·6	61·1	...	50·5

* Dry bulb uncorrected up to 12th March.

51. NAGPUR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	67·6	69·6	78·5	80·6	24·0	56·6	30th	88·7	42·6	3rd	46·1
February ...	70·5	73·6	82·0	84·1	25·1	59·0	22nd	91·4	42·5	10th	48·9
March ...	79·9	84·4	93·4	95·8	29·5	66·3	25th	102·0	62·5	18th	59·5
April ...	83·3	88·8	96·2	99·4	29·0	70·4	21st	104·0	39·5	29th	64·5
May ...	88·9	94·7	100·4	104·9	27·5	77·4	23rd	111·8	44·7	1st	67·1
June ...	86·9	91·1	96·3	102·5	25·0	77·5	16th	113·0	42·2	23rd	70·8
July ...	80·5	84·9	86·2	91·4	16·7	74·7	4th	99·2	29·6	26th	69·6
August ...	79·6	81·8	85·3	88·3	14·5	73·8	22nd	96·7	27·6	3rd	69·1
September ...	80·9	85·7	88·3	92·1	18·6	73·5	21st & 22nd	96·7	26·6	13th	70·1
October ...	77·0	82·5	85·2	89·0	20·2	68·8	4th & 5th	97·7	39·9	29th	57·8
November ...	72·7	80·1	85·5	87·5	27·6	59·9	28th	91·0	36·2	5th	54·8
December ...	71·5	74·9	80·6	83·1	20·8	62·3	23rd	87·7	31·4	13th	56·3
Year ...	78·3	82·7	88·2	91·6	23·2	68·4	...	113·0	66·9	...	46·1

52. SEONI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	63·1	67·4	73·3	77·7	24·9	52·8	11th	84·7	41·6	2nd	43·1
February ...	65·1	69·1	75·9	79·7	25·4	54·3	27th	86·7	39·6	10th & 12th	47·1
March ...	75·6	81·3	88·9	91·9	27·7	64·2	9th	95·7	40·5	17th	55·2
April ...	77·3	83·1	88·0	95·3	28·7	66·6	8th	101·4	40·1	1st, 2nd, 4th & 6th	61·3
May ...	83·9	89·5	94·1	100·0	26·4	73·6	24th	105·4	40·0	1st	65·4
June ...	83·5	88·1	90·8	102·5	26·3	76·2	15th	107·4	36·0	8th & 30th	71·4
July ...	78·6	81·5	83·7	92·1	18·7	73·4	1st to 3rd	98·4	28·0	15th, 20th & 21st	70·4
August ...	76·8	79·1	81·4	85·0	12·9	72·1	16th	91·5	21·1	7th, 20th, 25th to 27th	70·4
September ...	77·4	81·9	83·2	88·6	17·1	71·5	20th, 22nd & 23rd	93·5	25·1	17th to 19th	68·4
October ...	73·5	78·0	80·5	85·3	18·9	66·4	2nd	92·5	38·3	28th	54·2
November ...	70·1	76·1	82·2	85·0	27·0	58·0	26th	88·5	35·3	12th	53·2
December ...	67·0	69·5	75·1	78·0	19·2	58·8	23rd & 24th	84·6	36·3	13th	48·3
Year ...	74·3	78·7	82·9	88·4	22·8	65·7	...	107·4	64·3	...	43·1

53. JUBBULPORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	62·2	63·7	72·3	74·1	22·1	52·0	29th	83·1	45·2	1st & 2nd	37·9
February ...	63·2	65·9	74·6	75·9	24·1	51·8	28th	86·9	44·0	16th	42·9
March ...	74·8	78·1	87·1	89·2	26·7	62·5	27th	95·7	40·8	5th & 18th	54·9
April ...	79·1	84·6	89·5	94·2	25·6	68·6	24th	99·7	38·8	1st	60·9
May ...	85·1	89·7	94·3	98·9	23·0	75·9	24th	106·1	40·2	8th	65·9
June ...	87·3	90·6	95·1	99·9	20·4	79·5	13th	108·3	36·7	27th	71·6
July ...	81·8	83·1	87·2	89·9	13·6	76·3	9th	95·7	23·5	26th	72·2
August ...	78·9	80·4	83·3	86·7	12·3	74·4	16th, 22nd & 30th	91·7	21·7	22nd	70·0
September ...	80·2	83·6	87·2	90·5	17·3	73·2	29th	95·7	25·4	18th & 20th	70·3
October ...	75·5	80·4	85·1	87·9	22·0	65·9	3rd & 4th	95·7	43·9	28th	51·8
November ...	68·8	77·4	82·4	86·3	31·2	55·1	6th	89·6	39·2	21st	50·4
December ...	65·4	70·0	75·6	79·3	24·0	55·3	24th	87·1	42·9	14th	44·2
Year ...	75·2	79·0	84·5	87·7	21·9	65·9	...	108·3	70·4	...	37·9

54. SAUGOR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	60·2	66·9	70·9	73·7	24·2	49·5	8th & 9th	79·6	36·4	13th	43·2
February ...	63·1	68·4	74·2	76·7	21·8	51·9	28th	86·6	41·4	11th to 13th & 15th	45·2
March ...	74·2	80·6	86·1	89·7	27·4	62·3	10th, 22nd to 24th & 30th	93·6	36·4	5th & 6th	57·2
April ...	80·4	87·8	92·9	96·0	28·2	67·8	23rd	100·6	38·0	1st	62·6
May ...	87·1	94·3	98·8	101·3	26·0	75·3	31st	106·6	40·7	1st	65·9
June ...	88·2	93·4	98·6	100·8	23·1	77·7	16th	110·6	40·8	29th & 30th	69·8
July ...	81·0	82·8	87·3	90·1	15·4	74·7	9th	99·6	27·8	13th, 15th & 16th	71·8
August ...	80·4	82·4	87·2	90·1	16·6	73·5	12th, 14th & 18th	93·6	23·8	28th	69·8
September ...	82·6	85·7	92·2	93·4	20·5	72·9	27th to 30th	100·6	30·8	14th & 18th	69·8
October ...	77·8	83·8	87·5	88·8	20·7	68·1	1st	100·6	42·6	28th	58·0
November ...	74·2	81·9	85·2	86·5	23·4	63·1	7th	89·5	32·5	30th	57·0
December ...	66·1	71·4	75·7	77·0	20·5	56·5	25th	85·5	43·2	12th	42·3
Year ...	76·3	81·6	86·4	88·7	22·6	66·1	...	110·6	68·3	...	42·3

55. PACHMARI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	57·0	63·5	65·7	69·0	20·7	48·3	29th.	75·1	39·2	3rd	35·9
February ...	58·7	63·5	68·1	69·9	20·7	49·2	25th & 26th.	78·3	40·2	10th	38·1
March ...	69·3	76·0	79·3	81·2	21·9	59·3	27th	87·6	37·5	3rd	50·1
April ...	75·2	80·1	84·5	86·2	20·4	65·8	22nd	91·6	34·4	2nd	57·2
May ...	80·9	83·9	89·1	90·7	18·0	72·7	24th	95·2	32·2	5th	63·0
June ...	80·4	81·5	87·1	89·1	15·4	73·7	15th	98·3	32·1	30th	66·2
July ...	72·9	73·0	76·7	77·8	8·8	69·0	10th	82·4	15·8	14th	66·6
August ...	71·5	71·4	74·9	76·1	8·0	68·1	23rd	81·6	16·8	28th	64·8
September ...	72·9	76·3	78·2	80·0	12·4	67·6	29th	84·6	20·5	16th	64·1
October ...	68·3	74·0	75·7	77·0	16·1	60·9	3rd	84·6	38·1	27th	46·5
November ...	63·3	73·6	74·4	76·1	24·0	52·1	26th	78·1	30·1	12th	48·0
December ...	61·7	66·6	68·5	71·0	16·1	54·9	24th	76·9	34·4	13th	42·5
Year ...	69·3	73·6	76·9	78·7	16·9	61·8	...	98·3	62·4	...	35·9

56. HOSHANGABAD (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	65·2	66·4	76·2	77·8	23·6	54·2	29th	85·5	41·4	4th	44·1
February ...	67·1	69·8	79·4	82·1	27·3	54·8	28th	90·2	43·0	9th & 10th	47·2
March ...	78·6	82·5	92·4	94·7	30·0	64·7	27th	100·9	45·1	5th	55·8
April ...	85·2	90·8	98·5	100·1	28·3	71·8	22nd	104·4	41·1	1st	63·3
May ...	90·5	95·3	102·3	104·9	26·2	78·7	23rd & 24th	108·9	39·2	4th	69·7
June ...	89·6	92·5	98·7	102·5	22·0	80·5	15th	112·9	38·2	30th	74·7
July ...	82·8	83·9	88·9	91·6	15·0	76·6	7th	97·9	25·7	15th	72·2
August ...	80·2	81·4	85·4	89·0	14·1	74·9	23rd	95·9	23·8	28th	72·1
September ...	82·9	84·6	91·1	93·3	18·7	74·6	25th	99·9	29·2	16th	70·7
October ...	78·4	82·0	87·7	90·2	21·1	69·1	3rd	99·4	43·1	28th	56·3
November ...	73·7	77·6	87·6	89·1	29·3	59·8	6th & 7th	90·5	34·2	15th	56·3
December ...	68·4	70·1	77·3	80·0	20·5	59·5	23rd & 25th	88·0	41·3	13th	46·7
Year ...	78·5	81·4	88·8	91·3	23·0	68·3	...	112·9	68·8	...	44·1

57. KHANDWA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	65·9	68·4	78·6	81·3	28·1	53·2	29th	87·9	46·5	2nd	41·4
February ...	68·6	71·9	82·0	84·1	29·1	55·0	25th	94·9	49·9	10th	45·0
March ...	79·1	83·4	93·4	95·5	30·7	64·8	25th	101·7	47·7	16th	54·0
April ...	85·9	91·9	99·3	101·2	28·8	72·4	23rd	105·2	48·4	1st	56·8
May ...	90·8	93·2	102·3	105·0	25·8	79·2	16th	108·4	38·3	5th	70·1
June ...	88·5	88·4	97·9	99·8	20·8	79·0	15th	110·3	38·2	18th	72·1
July ...	82·4	83·3	89·0	90·9	15·1	75·8	6th	97·7	26·0	15th	71·7
August ...	80·4	81·0	87·0	88·3	14·6	73·7	22nd	94·7	24·9	28th	69·8
September ...	82·3	85·0	90·9	92·8	19·1	73·7	26th	99·9	29·7	16th	70·2
October ...	77·9	84·0	89·2	91·9	25·3	66·6	3rd	98·6	46·2	27th	52·4
November ...	73·7	82·9	88·9	91·1	32·7	58·4	6th & 7th	93·7	38·7	4th & 14th	55·0
December ...	71·6	74·2	82·7	84·3	23·8	60·5	23rd & 24th	91·6	44·6	31st	47·0
Year ...	78·9	82·3	90·1	92·2	24·5	67·7	...	110·3	68·9	...	41·4

58. CHIKALDA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	61·6	62·8	67·4	69·5	13·8	55·7	29th	76·2	30·7	13th	45·5
February ...	63·9	65·7	71·3	73·5	17·0	56·5	21st	81·7	35·2	9th	46·5
March ...	73·2	76·4	80·7	83·2	17·6	65·6	27th	89·3	31·8	15th	57·5
April ...	76·7	80·7	85·1	87·7	19·5	68·2	14th	91·8	32·4	16th	59·4
May ...	80·4	83·4	89·0	91·6	19·9	71·7	15th	96·5	33·8	8th	62·7
June ...	77·7	78·3	85·2	88·0	17·9	70·1	15th	97·5	32·4	30th	65·1
July ...	70·4	70·7	74·6	76·8	10·7	66·1	10th	81·8	27·[illegible]	30th	63·9
August ...	68·7	68·6	72·4	73·9	8·9	65·0	21st	78·4	17·0	28th	61·4
September ...	71·7	74·4	75·9	78·8	11·9	66·9	26th	84·6	22·3	12th	62·3
October ...	69·0	73·6	74·7	76·8	13·5	63·3	2nd	83·5	32·5	30th	51·0
November ...	69·4	73·8	75·9	77·4	14·6	62·8	27th	79·8	23·7	2nd	56·1
December ...	64·9	67·8	70·3	72·9	13·4	59·5	26th	78·8	28·6	11th	50·2
Year ...	70·6	73·0	76·9	79·2	14·9	64·3	...	97·5	52·0	...	45·5

59. BULDANA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	67·7	71·3	75·9	77·8	18·4	59·4	28th	83·5	29·3	13th & 14th	54·2
February ...	69·9	72·9	78·5	80·5	19·3	61·2	21st	89·5	37·8	9th	51·7
March ...	78·7	81·2	87·7	89·2	19·6	69·6	24th	95·7	31·8	16th	63·9
April ...	83·2	86·7	92·8	94·6	21·0	73·6	22nd	98·6	31·4	16th	67·2
May ...	86·7	88·1	96·2	97·8	20·6	77·2	15th & 16th	100·4	29·8	8th	70·6
June ...	83·1	85·1	91·4	93·4	18·7	74·7	15th	101·0	32·0	23rd	69·0
July ...	78·3	79·5	84·3	86·9	14·7	72·2	7th	91·5	21·9	16th	69·6
August ...	76·6	77·3	82·6	84·5	13·9	70·6	17th & 19th	90·6	25·4	26th	65·2
September ...	78·1	79·8	83·7	86·0	13·5	72·5	25th	92·4	23·8	16th	68·6
October ...	74·8	79·3	81·0	83·4	14·8	68·6	17th	87·2	24·8	27th & 29th	62·4
November ...	73·9	80·1	83·2	84·8	20·3	64·5	25th	87·3	25·9	12th	61·4
December ...	70·6	73·4	77·9	80·0	16·7	63·3	23rd	85·8	32·2	11th	53·6
Year ...	76·8	79·6	84·6	86·6	17·6	69·0	...	101·0	49·3	...	51·7

60. AKOLA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	67·9	71·3	80·6	83·0	27·8	55·2	29th	90·3	48·1	2nd	42·2
February ...	71·5	74·5	83·9	86·8	27·7	59·1	21st	96·5	50·6	9th	45·9
March ...	79·7	85·3	94·1	96·9	31·7	65·2	25th	103·1	49·0	17th	54·1
April ...	85·1	92·0	98·8	102·5	31·2	71·3	21st	106·4	47·3	1st	59·1
May ...	91·4	95·5	103·7	106·7	27·7	79·0	16th	109·9	38·8	1st	71·1
June ...	88·0	90·1	98·0	102·2	24·3	77·9	12th & 15th	111·4	41·6	23rd	69·8
July ...	82·5	84·4	89·6	93·3	17·9	75·4	9th	98·3	27·0	19th	71·3
August ...	81·7	82·6	88·8	92·4	17·9	74·5	22nd	99·1	31·0	26th & 27th	68·1
September ...	82·6	85·8	91·2	93·5	19·6	73·9	22nd	98·9	29·2	12th	69·7
October ...	78·5	83·6	88·7	90·4	22·2	68·2	4th	98·7	46·9	27th	51·8
November ...	74·5	82·0	89·1	90·1	30·3	59·8	28th	93·6	41·4	12th	52·2
December ...	72·9	75·0	82·3	83·0	19·6	63·4	4th	89·8	33·8	31st	56·0
Year ...	79·7	83·5	90·7	93·4	24·8	68·6	...	111·4	69·2	...	42·2

61. AMRAOTI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	68·3	71·4	78·6	82·5	24·5	58·0	30th	89·2	37·7	13th	51·5
February ...	71·3	74·3	83·2	85·3	26·0	59·3	25th	93·9	43·7	9th	50·2
March ...	80·0	85·2	93·4	95·9	29·3	66·6	25th	103·5	45·0	5th	58·5
April ...	84·4	89·8	97·6	100·5	29·4	71·1	22nd&23rd	104·4	39·6	16th	64·8
May ...	90·0	95·6	102·4	105·4	27·8	77·6	24th	108·6	38·7	22nd	69·9
June ...	86·6	89·8	96·8	100·5	24·1	76·4	12th&16th	109·4	40·5	25th	68·9
July ...	81·5	83·5	88·5	91·2	16·7	74·5	10th	97·8	26·9	26th	70·9
August ...	79·8	82·3	86·4	89·1	15·9	73·2	22nd	96·6	29·3	26th	67·3
September ...	81·6	86·4	90·5	93·8	21·2	72·6	26th	101·1	32·5	12th	68·6
October ...	77·8	83·9	86·1	90·8	21·3	69·5	5th	100·7	36·4	16th	64·3
November ...	75·1	83·3	87·5	89·9	27·2	62·7	27th&28th	92·0	35·2	15th	57·7
December ...	72·2	75·9	80·6	83·8	20·1	63·7	4th	90·8	34·2	31st	56·6
Year ...	79·1	83·5	89·3	92·4	23·6	68·8	...	109·4	59·2	...	50·2

62. CHANDA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	70·2	73·8	82·0	84·3	26·0	58·3	30th	91·0	47·3	2nd & 3rd	44·7
February ...	73·9	77·8	85·1	87·3	24·7	62·6	27th	95·0	41·4	9th & 12th	53·6
March ...	82·1	86·4	93·9	96·8	26·5	70·3	25th	104·1	40·6	5th & 6th	63·5
April ...	82·5	88·0	90·4	100·1	25·6	7·45	21st	106·1	36·8	6th	69·3
May ...	90·4	94·3	100·2	105·3	24·7	80·6	12th, 14th & 31st	111·1	35·8	1st to 3rd, 7th&20th	75·3
June ...	89·6	90·5	97·7	101·9	20·5	81·4	16th	112·1	36·8	7th & 8th	75·3
July ...	81·5	84·9	85·3	94·2	16·6	77·6	4th & 7th	103·1	30·8	26th&27th	72·3
August ...	81·2	82·6	86·0	89·8	13·5	76·3	19th, 21st & 22nd	97·1	25·8	26th	71·3
September ...	81·9	85·1	88·4	92·5	17·1	75·4	22nd	97·9	24·6	13th&19th	73·3
October ...	78·8	84·9	85·5	90·2	18·2	72·0	4th	97·8	37·6	29th	60·2
November ...	73·4	79·5	86·7	90·4	30·3	60·1	28th	94·9	39·6	5th	55·3
December ...	74·1	76·1	83·0	86·6	21·4	65·2	3rd	93·5	34·3	28th	59·2
Year ...	80·0	83·7	85·7	93·3	22·1	71·2	...	112·1	67·4	...	44·7

63. SIRONCHA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	72·2	74·0	84·1	85·6	25·3	60·3	31st	92·2	44·1	4th	48·1
February ...	78·2	79·6	88·0	89·5	21·2	68·3	28th	93·9	32·9	10th	61·0
March ...	82·8	83·8	94·5	97·1	26·0	71·1	22nd & 23rd	101·8	35·8	11th	66·0
April ...	86·7	88·7	97·0	99·2	22·9	76·3	21st	105·7	32·8	11th	72·9
May ...	90·2	92·9	100·3	102·3	22·3	80·0	29th	108·1	32·0	11th	76·1
June ...	89·8	88·5	98·6	100·9	19·9	81·0	19th	108·9	36·2	9th	72·7
July ...	84·8	86·6	90·7	98·1	19·2	78·9	27th	108·9	36·0	26th	72·9
August ...	82·5	85·0	87·9	92·3	15·3	77·0	17th & 18th	96·8	21·9	24th&25th	74·9
September ...	82·3	85·3	88·7	92·9	17·0	75·9	22nd	97·8	24·4	13th, 14th, 16th&17th	73·4
October ...	79·8	83·2	85·6	91·0	17·0	74·0	4th	93·7	24·7	29th	69·0
November ...	74·9	79·7	85·7	89·8	25·8	64·0	27th to30th	92·7	33·6	7th	59·1
December ...	76·5	78·0	85·9	91·1	24·0	67·1	1stto3rd& 19th, 20th, 22nd.	92·7	31·7	28th	61·0
Year ...	81·7	83·8	90·6	94·2	21·3	72·8	...	108·9	60·8	...	48·1

64. JACOBABAD (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	56·9	63·4	67·6	71·0	24·8	46·2	3rd	81·3	48·1	29th	33·2
February ...	...	...	...	...	...	...	...	...	...	...	...
March ...	73·5	81·1	87·1	89·8	29·9	59·9	5th	95·2	44·8	22nd	50·4
April ...	78·6	83·4	89·6	92·4	24·9	67·5	30th	100·2	42·6	18th	57·6
May ...	88·5	94·4	102·2	105·0	30·2	74·8	21st	114·8	44·0	11th	70·8
June ...	95·1	98·4	107·9	110·2	27·9	82·3	9th	118·9	44·6	12th	74·3
July ...	93·8	95·3	105·6	107·3	25·3	82·0	16th	112·1	32·1	22nd	80·0
August ...	92·4	94·5	105·1	107·0	27·4	79·6	16th	114·4	37·6	17th	76·8
September ...	86·2	92·8	97·5	101·3	26·5	74·8	1st	115·3	49·5	29th	65·8
October ...	76·8	86·6	88·7	94·8	29·9	64·9	2nd	104·8	51·9	23rd	52·9
November ...	68·9	76·8	78·7	84·0	25·0	59·0	5th	95·3	50·4	26th	44·9
December ...	63·4	67·6	71·0	24·8	46·2	3rd	81·3	48·1	29th	33·2	
Year ...	...	...	...	...	...	...	...	...	...	...	...

65. BICKANEER (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	...	...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...	...	...	...
May ...	...	...	...	...	...	...	...	...	...	...	...
June ...	...	...	...	...	...	...	...	...	...	...	...
July ...	...	...	...	...	...	...	...	...	...	...	...
August ...	...	...	...	...	...	...	...	...	...	...	...
September ...	90·2	90·8	99·4	...	...	81·0	...	...	...	11th	78·7
October ...	82·8	84·6	91·9	...	...	73·6	...	...	...	27th	64·4
November ...	75·1	76·2	85·1	...	...	65·1	...	...	...	27th	53·0
December ...	60·5	60·9	70·2	...	...	50·7	...	...	...	11th	41·6
Year ...	...	...	...	...	...	...	...	...	...	...	...

No registers.

Incomplete.

66. HYDERABAD (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
June ...	91·9	96·4	102·2	105·3	23·7	81·6	12th	115·1	36·3	19th	78·8
July ...	88·8	92·0	96·5	...	...	81·0	...	...	...	14th & 26th	79·1
August ...	87·4	91·2	96·1	...	...	78·6	...	...	...	24th	75·3
September ...	86·2	89·1	95·4	...	...	77·0	...	...	...	28th	73·7
October ...	82·9	88·2	94·5	95·5	24·8	71·2	13th	100·9	39·4	19th	61·5
November ...	77·0	80·5	87·5	89·7	23·2	66·5	3rd	100·5	46·4	25th	54·1
December ...	62·8	64·8	73·5	75·3	23·2	52·1	2nd	85·7	41·9	11th	43·8
Year ...	...	...	...	...	...	...	...	...	...	...	...

67. KURRACHEE (*corrected*

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	64·9	68·3	74·2	76·2	21·3	54·9	27th	81·9	36·7	14th	45·2
February ...	68·6	71·9	76·1	79·2	21·2	58·0	27th	87·7	40·1	8th	47·6
March ...	77·3	80·4	81·2	85·2	16·1	69·1	30th	93·5	33·0	14th	60·5
April ...	80·1	84·0	83·7	87·7	13·9	73·8	20th	93·1	24·3	23rd	68·8
May ...	86·2	90·6	88·9	92·9	13·0	79·9	19th	102·4	25·7	1st	76·7
June ...	87·3	90·5	89·8	92·7	9·6	83·1	26th	94·5	14·6	12th	79·9
July ...	85·7	88·6	87·3	90·6	8·5	82·1	1st	92·9	12·8	27th	80·1
August ...	83·5	86·3	85·6	89·0	9·3	79·7	31st	91·8	14·9	24th	76·9
September ...	83·0	86·3	85·5	89·6	11·6	78·0	1st	93·6	17·7	27th & 29th	75·9
October ...	80·9	87·3	87·8	92·7	21·0	71·7	13th	96·9	34·3	21st	62·6
November ...	75·9	82·6	83·4	87·7	20·1	67·6	1st & 11th	95·6	43·5	25th	52·1
December ...	66·4	71·1	73·8	76·9	20·7	56·2	6th	84·9	36·8	29th	48·1
Year ...	78·3	82·3	83·1	86·7	15·5	71·2	...	102·4	57·2	...	45·2

68. BHUJ (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	66·3	70·6	77·0	78·7	23·2	55·5	28th	87·8	39·6	13th	48·2
February ...	69·2	76·1	80·0	82·4	24·1	58·3	28th	92·7	44·5	9th	48·2
March ...	78·7	85·1	90·7	93·7	27·1	66·6	10th	97·1	36·2	4th	60·9
April ...	83·6	88·7	94·9	98·2	26·0	72·2	28th	102·5	36·1	1st	66·4
May ...	86·9	93·4	96·6	100·9	23·8	77·1	18th	111·3	39·2	5th	72·1
June ...	88·3	92·8	96·3	100·7	20·4	80·3	6th	108·2	30·9	1st & 2nd	77·3
July ...	84·7	89·1	89·6	94·1	14·4	79·7	14th	98·2	21·9	2nd	76·3
August ...	84·0	88·4	89·7	94·3	16·0	78·3	31st	99·1	22·8	23rd	76·3
September ...	83·0	86·0	89·9	92·8	16·7	76·1	26th	103·1	29·0	26th	74·1
October ...	80·7	85·2	90·0	91·7	20·3	71·4	1st	100·9	36·5	22nd	64·4
November ...	77·8	83·7	87·8	89·9	22·2	67·7	1st	94·5	37·0	26th & 30th	57·5
December ...	67·6	72·2	77·7	80·1	22·6	57·5	27th	91·5	42·5	11th	49·0
Year ...	79·2	84·3	88·4	91·5	21·4	70·1	...	111·3	63·1	...	48·2

69. RAJKOT (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	...	...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...	...	...	...
May ...	...	...	...	...	...	...	...	...	...	...	...
June ...	...	...	...	...	...	...	...	...	...	...	...
July ...	85·8	89·7	93·7	97·3	19·5	77·8	7th	100·8	26·0	27th	74·8
August ...	84·7	88·2	93·7	95·2	19·6	75·6	4th	101·0	29·2	24th	71·8
September ...	83·5	87·0	92·6	...	...	74·3	...	...	...	16th & 17th	70·0
October ...	...	86·6	91·0	92·9	...	...	1st	98·3	...	...	...
November ...	78·5	86·8	91·5	93·3	27·9	65·4	22nd	96·6	42·0	28th	54·6
December ...	70·2	76·4	83·8	85·6	29·0	56·6	27th	97·0	51·5	12th	45·5
Year ...	...	...	...	...	...	...	...	...	...	...	...

70. DEESA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	65·4	70·0	77·6	79·6	28·6	51·0	9th	86·9	47·2	12th	39·7
February ...	68·5	72·1	80·0	80·9	26·5	54·4	28th	91·9	45·5	9th	46·4
March ...	78·7	80·9	90·8	92·2	28·4	63·8	10th	96·4	39·8	31st	56·6
April ...	87·0	88·8	96·9	98·5	25·4	73·1	29th	102·2	38·6	1st	63·6
May ...	91·5	92·3	101·0	103·0	24·1	78·9	20th	109·2	39·5	8th	69·7
June ...	91·2	91·3	100·8	102·2	20·1	82·1	10th	108·8	31·8	20th	77·0
July ...	86·5	86·9	94·7	95·7	16·3	79·4	14th	100·8	25·3	17th	75·5
August ...	87·2	87·2	95·8	96·9	17·7	79·2	31st	103·0	25·9	12th & 15th	77·1
September ...	84·5	86·5	92·1	93·8	17·3	76·5	28th	105·3	31·3	17th	74·0
October ...	79·6	85·8	89·6	92·4	24·0	68·4	1st	102·3	45·0	20th	57·3
November ...	77·1	84·0	88·8	91·6	27·3	64·3	1st	95·2	41·6	26th	53·6
December ...	69·2	74·7	79·7	82·4	25·7	56·7	27th	90·1	48·5	10th	41·6
Year ...	80·5	83·4	90·7	92·5	23·5	69·0	...	109·2	69·5	...	39·7

71. MOUNT ABU (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	56·0	61·3	61·9	68·3	18·3	50·0	3rd	76·8	35·0	12th	41·8
February ...	56·8	60·5	63·7	67·6	17·8	49·8	26th & 27th	78·1	37·9	9th	40·2
March ...	68·0	71·3	74·4	79·1	17·6	61·5	7th	84·2	33·1	14th	51·1
April ...	73·1	76·4	80·0	85·0	18·8	66·2	29th	89·8	29·1	19th	60·7
May ...	75·1	79·2	82·3	86·4	18·6	67·8	17th	95·7	39·0	8th	56·7
June ...	77·2	79·4	84·4	87·0	17·0	70·0	13th	94·7	30·6	1st	64·1
July ...	71·3	70·1	77·1	78·3	12·8	65·5	3rd	86·7	22·6	22nd	64·1
August ...	71·7	71·9	78·5	80·3	15·4	64·9	31st	88·5	25·8	19th	62·7
September ...	71·5	73·4	76·5	78·9	12·3	66·6	29th	90·9	30·0	12th	60·9
October ...	69·4	73·3	75·1	78·4	14·7	63·7	1st	88·3	29·2	23rd	59·1
November ...	67·9	71·8	74·1	77·9	16·3	61·6	1st, 12th, 16th & 17th	80·7	26·1	7th & 30th	54·6
December ...	59·7	64·0	65·3	70·1	16·0	54·1	27th	78·1	40·8	10th	37·3
Year ...	68·1	71·1	74·4	78·1	16·3	61·8	...	95·7	58·4	...	37·3

72. NEEMUCH (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	...	...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...	...	...
March ...	76·4	78·9	88·1	89·3	24·7	64·6	10th	93·6	37·5	15th	56·1
April ...	82·1	85·4	93·1	95·2	24·2	71·0	22nd	99·6	39·5	1st	60·1
May ...	86·6	88·7	97·2	98·5	22·6	75·9	23rd	104·7	40·6	7th	64·1
June ...	89·0	88·4	98·5	...	...	79·5	...	...	...	19th	71·6
July ...	81·6	81·8	88·7	...	...	74·4	...	...	...	16th	69·3
August ...	82·1	83·5	90·4	...	...	73·7	...	...	...	28th	71·6
September ...	81·7	84·9	90·2	...	...	73·1	...	...	...	2nd	69·9
October ...	75·7	81·3	86·2	88·5	23·3	65·2	1st	101·4	45·1	25th	56·3
November ...	72·4	78·9	84·8	87·4	27·5	59·9	16th	91·4	40·5	30th	50·9
December ...	65·1	67·5	76·2	78·2	24·3	53·9	25th	87·7	50·7	11th	37·0
Year ...	...	...	...	...	...	...	...	...	...	...	...

73. SURAT (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	...	...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...	...	...
April ...	84·9	90·1	95·3	99·4	25·0	74·4	15th	104·5	37·5	7th	67·0
May ...	85·7	91·1	92·8	97·6	19·0	78·6	16th	105·4	31·7	2nd	73·7
June ...	85·5	89·3	91·0	94·6	14·6	80·0	14th	101·0	28·9	21st	72·1
July ...	84·2	87·5	88·5	93·0	13·1	79·9	5th	99·0	22·2	1st	76·8
August ...	83·8	87·1	88·2	92·8	13·5	79·3	22nd	96·7	24·7	27th	72·0
September ...	84·2	87·4	90·5	92·7	14·8	77·9	25th	98·1	26·4	15th	71·7
October ...	80·0	85·6	89·3	91·5	20·8	70·7	1st	97·0	35·0	29th	61·1
November ...	78·2	85·1	90·9	93·5	28·1	65·4	21st	96·2	36·3	28th	60·9
December ...	74·1	79·1	85·1	88·7	25·6	63·1	21st	96·1	47·1	30th	49·0
Year ...	...	...	...	...	...	...	...	...	...	...	...

74. MALEGAON (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maximum.	Mean daily range.	Mean of Minimum.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	...	...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...	...	...	...
May ...	...	...	...	...	...	...	...	...	...	...	...
June ...	82·4	88·1	90·5	98·4	24·1	74·3	13th	107·7	38·7	10th	69·0
July ...	81·0	84·9	87·2	92·4	17·6	74·8	9th	96·8	23·5	17th	73·3
August ...	79·5	83·1	86·5	...	...	72·5	...	...	...	27th	67·8
September ...	80·8	85·6	89·6	...	...	71·9	...	...	...	17th	64·0
October ...	77·0	82·8	87·4	89·5	22·9	66·6	16th	93·1	39·0	28th	54·1
November ...	74·6	83·0	89·1	90·9	30·9	60·0	29th	93·3	40·4	6th	52·9
December ...	72·2	76·3	84·1	86·1	25·8	60·3	23rd	92·4	45·3	31st	47·1
Year ...	...	...	...	...	...	...	...	...	...	...	...

75. BOMBAY (*corrected*).

MONTH.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima	Mean daily range.	Mean of Minima	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	75·6	69·9	74·4	80·1	73·0	81·3	12·3	69·0	7th	85·6	21·2	13th	64·4
February...	75·9	70·2	75·8	79·9	73·4	80·9	12·0	68·9	17th	85·4	23·4	9th	62·0
March ...	79·7	73·8	80·1	83·4	76·9	84·9	11·5	73·4	2nd	89·2	20·2	6th	69·0
April ...	82·6	73·7	83·4	86·1	79·9	87·3	10·6	76·7	13th	89·0	15·9	1st	73·1
May ...	85·5	80·9	86·4	88·5	82·5	89·8	9·3	80·5	31st	92·2	15·4	1st	76·8
June ...	84·6	81·4	81·8	86·7	82·5	88·5	8·1	80·4	8th	93·5	19·6	15th	73·9
July ...	83·6	80·9	84·0	85·3	81·8	87·0	7·3	79·7	7th	89·4	13·1	16th	76·3
August ...	82·4	79·8	82·7	84·2	80·6	86·0	7·2	78·8	22nd	88·1	13·5	28th	74·6
September	82·6	78·9	82·5	85·2	80·3	86·7	8·4	78·3	29th	88·2	14·2	27th	74·0
October ...	82·1	78·2	81·8	84·8	80·3	86·4	8·8	77·5	29th	89·2	14·2	1st & 5th	75·0
November	82·0	76·1	81·4	86·2	79·2	87·8	12·2	75·5	19th	90·0	17·0	30th	73·0
December	78·8	73·8	78·2	82·2	76·3	84·1	10·9	73·2	27th	88·2	24·6	11th	63·6
Year ...	81·3	76·5	81·0	84·4	78·9	85·9	9·9	76·0	...	93·5	31·5	...	62·0

76. POONA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima	Mean daily range.	Mean of Minima	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	72·0	70·4	79·3	80·8	18·1	62·7	29th	85·4	28·8	5th	56·6
February...	74·7	73·0	81·9	83·6	18·9	64·7	25th	89·4	32·5	12th	56·9
March ...	81·0	80·3	88·4	89·7	18·7	71·0	24th	95·1	30·6	5th	64·5
April ...	84·1	84·8	92·5	93·9	19·4	74·5	21st	96·2	25·0	1st	71·2
May ...	84·0	85·2	92·3	94·0	18·1	75·9	17th	98·1	26·8	8th	71·3
June ...	78·9	80·2	83·1	86·4	11·8	74·6	13th	96·5	24·9	21st	71·6
July ...	77·8	78·8	80·8	82·8	8·9	73·9	10th	85·6	12·9	29th	72·7
August ...	76·6	77·6	79·4	81·6	9·4	72·2	22nd	85·6	15·0	12th &27th	70·6
September	77·4	78·3	80·9	84·0	11·1	72·9	23rd	89·6	18·9	12th	70·7
October ...	76·4	76·7	80·1	82·0	10·6	71·4	13th	85·0	20·0	30th	65·0
November	76·7	76·8	82·9	84·1	16·9	67·2	27th	86·5	22·9	16th	63·6
December	75·0	73·9	80·9	82·5	15·0	67·5	23rd	86·6	24·9	31st	61·7
Year ...	77·9	78·0	83·5	85·4	14·7	70·7	...	98·1	41·5	...	56·6

77. SHOLAPUR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	73·2	77·6	86·2	88·0	27·9	60·1	31st	94·7	43·8	3rd	50·9
February	77·8	81·2	91·0	93·4	28·8	64·6	25th	98·7	44·1	13th	54·6
March ...	83·1	89·1	96·5	98·8	29·2	69·6	23rd	104·8	42·9	5th	61·9
April ...	85·2	92·3	98·3	102·2	30·1	72·1	30th	106·0	37·6	1st	68·4
May ...	88·5	94·3	101·1	104·4	28·5	75·9	15th	108·1	38·4	20th	69·7
June ...	82·9	85·3	92·2	98·2	24·7	73·5	13th	105·7	37·4	17th	68·3
July ...	80·9	85·3	90·1	95·3	23·6	71·7	22nd	99·7	30·3	26th	69·4
August ...	80·4	85·1	89·7	95·1	24·1	71·0	23rd	101·0	31·7	17th	69·3
September	78·1	82·2	84·8	89·3	17·9	71·4	19th	93·7	24·1	1st	69·6
October ...	78·2	82·9	85·4	90·0	19·0	71·0	3rd	92·1	23·1	30th	69·0
November	76·4	83·4	87·2	90·4	24·9	65·5	29th	93·3	36·7	15th	56·6
December	74·6	79·9	84·4	88·7	23·9	64·8	1st	92·5	34·9	31st	57·6
Year ...	79·9	84·9	90·6	94·5	25·2	69·3	...	108·1	...	...	50·9

78. RATNAGIRI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	74·8	81·5	82·2	87·3	19·9	67·4	8th	93·8	30·8	7th	63·0
February	75·9	81·9	82·6	85·8	16·6	69·2	17th	95·9	35·2	9th	60·7
March ...	78·3	83·4	84·0	87·9	15·3	72·6	8th & 9th	89·9	23·1	17th	66·8
April ...	81·3	86·0	86·4	89·4	13·3	76·1	20th	92·4	22·6	1st	69·8
May ...	83·4	88·0	87·6	91·4	12·3	79·1	29th	93·9	20·5	3rd	73·4
June ...	82·1	85·2	85·7	88·6	10·2	78·4	3rd	93·9	21·1	23rd	72·8
July ...	81·9	84·3	84·9	87·3	8·5	78·8	24th	88·9	14·0	31st	74·9
August ...	79·8	83·4	82·7	86·1	9·2	76·9	21st	88·8	15·4	30th	73·4
September	79·2	82·6	82·6	85·4	9·7	75·7	23rd & 29th	87·2	14·8	1st	72·4
October ...	80·0	84·6	84·5	87·5	12·0	75·5	28th	91·9	18·5	26th	73·4
November	80·1	88·6	87·0	92·5	19·3	73·2	20th & 21st	95·9	27·7	16th	68·2
December	78·9	86·6	84·9	91·4	18·5	72·9	24th	97·2	30·3	31st	66·9
Year ...	79·6	84·7	84·6	88·4	13·7	74·7	...	97·2	36·5	...	60·7

79. BELGAUM (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	70·6	72·2	79·9	84·7	26·3	58·4	31st	91·7	36·5	17th	55·2
February	74·5	76·2	83·8	88·6	27·3	61·3	24th	94·3	40·1	13th	54·2
March ...	79·0	82·7	88·8	95·5	30·8	64·7	27th	99·4	28·6	25th	60·8
April ...	80·6	85·7	89·7	98·3	31·1	67·2	28th	102·4	41·6	9th	60·8
May ...	81·1	85·3	89·9	96·2	28·5	67·7	13th & 14th	102·2	40·2	7th	62·0
June ...	75·4	77·8	78·9	84·8	16·1	68·7	4th	96·4	30·0	23rd	66·4
July ...	73·6	76·0	76·4	80·0	12·3	67·7	7th & 8th	83·7	18·2	12th	65·5
August ...	72·3	74·8	75·4	79·2	12·2	67·0	24th	86·1	23·1	10th	63·0
September	72·7	75·8	76·2	82·9	15·9	67·0	17th	89·1	24·8	16th	64·3
October ...	72·4	74·4	75·5	81·4	14·6	66·8	21st	85·1	20·6	9th & 22nd	64·5
November	74·0	76·2	80·4	83·9	20·1	63·8	26th	88·8	29·0	7th	59·8
December	72·8	74·2	79·9	83·4	20·4	63·0	29th	87·4	30·3	31st	57·1
Year ...	74·9	77·6	81·2	86·6	21·2	65·3	...	102·4	48·2	...	54·2

80. GOA (*uncorrected*).

MONTH.	Mean.	9 hours.	12 hours.	15 hours.	21 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	79·5	78·8	82·2	83·5	80·1	85·6	12·3	73·6	27th & 28th	89·1	17·5	26th	71·6
February	80·2	80·4	83·7	84·2	81·0	86·4	13·0	73·4	17th	91·8	21·3	9th	70·5
March ...	81·5	81·9	83·8	84·7	82·0	87·4	12·7	74·7	15th to 18th	89·1	20·2	14th	68·9
April ...	83·8	84·6	86·5	87·8	84·9	88·7	11·7	77·0	8th & 18th	90·3	16·7	4th	73·6
May ...	84·9	86·2	88·2	88·5	85·5	89·1	10·3	78·8	30th	91·2	15·8	9th	75·4
June ...	82·6	84·2	85·3	81·9	83·5	87·1	11·4	75·7	1st, 4th & 5th.	91·0	19·0	19th	72·0
July ...	81·5	83·1	84·2	84·4	82·6	85·5	10·5	75·0	9th	87·3	17·0	17th	70·3
August ...	80·4	82·2	83·3	83·1	81·7	83·7	9·8	73·9	15th	86·2	18·2	15th	68·0
September	79·9	81·5	82·6	81·9	81·1	82·9	9·0	73·9	30th	86·4	16·6	6th	69·8
October ...	80·1	81·7	83·1	83·7	81·1	83·3	9·2	74·1	31st	84·9	14·7	10th	70·2
November	84·2	83·1	79·5	86·9	74·3	87·1	4·2	82·9	27th	90·0	9·0	2nd	81·0
December	83·7	82·8	84·9	85·1	82·8	86·4	4·0	82·4	4th	88·0	9·0	22nd & 25th	79·0
Year ...	81·9	82·5	83·9	84·6	81·7	86·1	9·8	76·3	...	91·8	23·8	...	68·0

81. VIZAGAPATAM (*uncorrected*).

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January...	75·4	72·9	76·2	77·5	75·0	78·1	6·4	71·7	30th	81·0	16·0	2nd	65·0
February	78·4	76·7	79·1	80·0	77·9	80·7	4·9	75·8	7th, 8th & 28th.	83·0	10·6	15th	72·4
March ...	82·5	80·2	84·1	84·0	81·8	85·3	6·1	79·2	29th	88·0	16·0	1st	72·0
April ...	85·5	83·4	86·7	86·9	84·8	87·9	5·3	82·6	27th	91·5	11·8	3rd	79·7
May ...	87·5	85·5	88·8	88·9	86·7	89·7	5·3	84·4	27th	100·5	20·9	20th	79·6
June ...	88·7	86·5	89·6	90·7	87·7	91·5	5·6	85·9	17th	95·3	11·0	26th	84·0
July ...	88·2	86·5	88·8	89·8	87·5	90·6	4·9	85·7	4th & 5th	97·0	15·0	28th	82·0
August ...	86·9	85·0	87·5	88·7	86·3	89·5	5·4	84·1	7th	94·0	12·4	15th	81·6
September	85·1	83·7	85·4	86·4	84·7	87·0	4·1	82·9	5th, 17th & 22nd.	89·5	19·2	7th	80·3
October...	84·9	83·3	85·6	86·3	84·3	87·3	4·7	82·6	3rd	89·5	10·5	31st	79·0
November	80·6	78·2	81·3	82·9	79·9	83·5	7·0	76·5	4th	85·7	12·7	8th, 19th, 21st & 22nd	73 0
December	79·1	76·8	79·8	81·4	78·5	82·1	7·1	75·0	6th	84·0	15·3	20th	68·7
Year ...	83·6	81·6	84·4	85·3	82·9	86·1	5·6	80·5	...	100·5	35·5	...	65·0

82. MASULIPATAM (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January...	74·7	79·9	78·8	73·7	83·4	16·2	67·2	28th	85·3	24·4	3rd	60·9
February	78·4	83·1	81·4	76·6	86·7	13·5	73·2	5th & 8th	89·7	20·8	23rd	68·9
March ...	80·4	86·3	84·9	78·6	90·6	18·1	72·5	21st	94·8	27·9	16th	66·9
April ...	83·9	89·7	87·5	81·6	94·8	17·0	77·3	18th	99·8	25·5	17th	74·3
May ...	87·4	93·5	92·5	84·4	99·3	19·4	79·9	29th	113·8	38·0	4th	75·8
June ...	88·8	92·7	94·7	86·1	99·8	17·3	82·5	2nd	110·9	36·4	5th	74·5
July ...	89·0	93·9	95·3	85·4	102·1	20·0	82·1	8th	109·4	34·5	27th	74·9
August ...	86·9	90·5	93·4	83·7	97·2	17·1	80·1	8th	102·2	27·6	24th	74·6
September	83·2	86·8	86·1	81·5	92·0	13·7	78·3	6th	97·3	22 7	8th	74·6
October...	81·3	84·1	84·5	80·0	88·0	10·8	77·2	2nd	94·9	23·3	25th	71·6
November	79·0	82·6	83·1	77·9	86·0	13·1	72·9	4th	89·5	19·7	21st	69·8
December	77·9	82·6	81·9	76·9	85·4	14·2	71·2	4th	86·8	19·2	28th	67·6
Year ...	82·6	87·1	87·0	80·5	92·1	15·9	76·2	...	113·8	52·9	...	60·9

83. BELLARY (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January...	74·3	77·9	85·7	72·5	88·0	25·6	62·4	31st	94·0	37·4	3rd	56·6
February	80·3	82·4	91·5	80·8	93·9	26·2	67·7	23rd	97·9	34·4	7th	63·5
March ...	85·4	88·8	97·6	83·0	99·7	26·6	73·1	26th & 28th	103·9	39·1	1st	64·8
April ...	88·7	92·2	99·4	87·1	102·9	25·7	77·2	29th	105·8	37·2	15th	68·6
May ...	89·2	91·5	99·6	88·2	102·6	24·3	78·3	9th	106·6	35·1	20th	71·5
June ...	83·7	86·4	90·9	81·6	95·5	18·8	76·7	4th	104·8	31·3	12th	73·5
July ...	83·1	85·6	92·1	80·4	95·6	20·2	75·4	17th	99·2	27·5	26th & 29th	71·7
August ...	82·5	85·0	90·4	79·9	94·3	19·2	75·1	24th	100·1	28·9	30th	71·2
September	80·5	82·9	86·9	78·7	92·0	18·3	73·7	16th	97·4	27·0	25th	70·4
October....	77·6	81·4	81·3	76·6	88·1	16·5	71·6	10th	94·0	25·4	26th	68·6
November	76·2	80·9	84·0	73·9	88·2	21·4	66·8	26th	92·5	32·7	7th	59·8
December	75·4	79·4	84·8	73·6	88·6	23·0	65·6	31st	93·7	32·3	28th	61·4
Year ...	81·4	84·5	90·3	79·7	94·1	22·2	72·0	...	106·6	50·0	...	56·6

84. BANGALORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January...	68·6	70·8	79·3	67·2	80·9	22·4	58·5	31st	85·3	32·1	2nd & 4th	53·2
February	74·2	76·3	85·4	73·1	87·4	24·4	63·0	7th	93·2	36·4	1st	56·8
March ...	76·8	80·0	87·6	75·7	90·5	25·5	65·0	30th	95·4	38·7	1st	56·7
April ...	81·1	83·2	90·6	80·5	93·3	22·5	70·8	20th	96·7	32·9	1st	63·8
May ...	80·0	82·4	89·5	77·5	92·5	21·0	71·5	14th	98·3	32·4	19th	65·9
June ...	75·3	78·0	82·7	72·4	86·3	17·4	68·9	4th	93·8	26·6	13th	67·2
July ...	75·7	77·7	84·0	73·3	87·8	19·4	68·4	21st	91·9	25·0	2nd	66·9
August ...	74·5	76·7	81·7	72·0	85·8	17·7	68·1	24th	90·5	24·1	27th	66·4
September	72·8	75·8	78·0	70·7	82·5	15·3	67·2	1st	89·2	24·0	19th	65 2
October....	72 7	75·2	78·1	70·9	82·2	15·1	67·1	2nd	86·2	21·0	9th & 24th	65·2
November	70·7	74·2	76·9	68·3	79·7	15·5	64·2	25th	82·5	25·0	22nd	57·5
December	69·3	72·0	76·8	67·4	79·6	17·1	62·5	29th	84·5	28·7	27th	56·8
Year ...	74·3	76·8	82·6	72·4	85·7	19·4	66·3	...	98·3	45·1	...	53·2

85. MADRAS (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	75·9	81·8	80·8	74·5	85·4	17·6	67·8	19th, 21st & 31st	86·6	24·9	3rd	61·7
February...	78·7	83·9	83·3	77·6	87·6	16·7	70·9	5th	92·2	26·8	2nd	65·4
March ...	79·8	85·5	84·3	78·6	89·1	17·4	71·7	28th	91·5	26·7	11th & 12th	64·8
April ...	83·3	88·9	86·8	81·8	91·6	15·1	76·5	20th	93·4	20·6	17th	72·8
May ...	84·4	89·5	87·9	82·5	94·8	16·4	78·4	25th	107·3	32·2	17th	75·1
June ...	86·4	91·1	91·1	83·8	98·4	18·1	80·7	1st	103·5	27·3	11th	76·2
July ...	86·4	92·2	90·1	83·0	101·5	20·7	80·8	8th	104·7	27·6	27th	77·1
August ...	84·7	90·3	88·7	81·6	99·1	20·7	78·4	11th	103·8	28·9	3rd	74·9
September..	82·9	87·3	85·9	80·8	93·1	15·7	77·4	2nd	98·3	26·1	11th	72·2
October ...	81·7	85·9	84·7	80·4	90·9	14·7	76·2	8th	96·3	23·4	30th	72·9
November..	78·5	81·8	81·2	77·2	85·6	11·8	73·8	26th	89·1	18·8	23rd	70·3
December..	78·6	82·7	81·7	77·4	86·3	12·7	73·6	29th	87·9	18·7	27th	69·2
Year ...	81·8	86·7	85·5	79·9	91·9	16·5	75·5	...	107·3	45·6	...	61·7

86. SALEM (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	77·7	81·8	87·9	76·0	90·8	24·1	66·7	31st	94·9	33·8	3rd	61·1
February...	82·1	84·4	93·4	80·8	96·2	25·5	70·7	6th	100·9	34·9	1st	66·0
March ...	83·6	86·7	95·3	82·4	98·1	26·3	71·8	26th	103·6	38·9	11th	64·7
April ...	87·8	90·2	98·6	85·5	101·9	24·2	77·7	21st	105·0	30·6	2nd	74·4
May ...	86·3	89·1	96·5	83·3	100·0	23·0	77·0	14th	106·3	33·5	31st	72·8
June ...	83·5	87·3	91·4	80·6	96·2	20·7	75·5	3rd	101·6	29·7	6th	71·9
July ...	85·3	89·0	94·6	82·7	99·4	23·5	75·9	14th	103·1	29·5	24th	73·6
August ...	83·6	87·3	91·6	80·6	97·3	22·3	75·0	23rd	102·9	30·9	23rd	72·0
September..	81·7	84·4	89·2	79·0	93·2	19·0	74·2	1st	101·4	31·3	17th	70·1
October ...	79·5	83·1	84·8	77·2	89·9	16·5	73·4	2nd	94·8	25·4	31st	69·4
November..	78·4	82·6	83·9	76·8	88·2	17·0	71·2	25th	91·9	28·4	22nd	63·5
December..	76·5	80·7	82·2	75·0	85·9	16·5	69·4	31st	92·3	28·7	21st	63·6
Year ...	82·2	85·6	90·8	80·0	94·8	21·6	73·2	...	106·3	45·2	...	61·1

87. COIMBATORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	74·1	75·8	85·2	73·4	89·1	25·4	63·7	14th	93·6	37·2	2nd	56·4
February...	78·2	80·1	90·1	76·8	94·8	27·8	67·0	7th & 8th	97·1	36·2	1st	60·9
March ...	80·3	82·5	92·2	78·3	96·8	27·7	69·1	26th	100·4	39·8	12th	60·6
April ...	83·8	86·2	94·7	80·9	99·3	25·1	74·2	28th	102·7	32·0	7th	70·7
May ...	82·6	86·5	91·0	79·5	98·4	24·2	74·2	5th	103·5	32·0	17th	71·5
June ...	78·0	81·9	82·8	75·9	90·5	18·4	72·1	3rd	97·0	29·1	13th	67·9
July ...	78·6	81·7	86·0	75·8	92·7	21·2	71·5	13th	95·6	25·4	3rd	70·2
August ...	78·1	81·4	84·4	75·7	91·9	20·9	71·0	23rd & 27th	96·4	27·9	6th	68·5
September..	78·4	81·4	84·9	76·0	91·6	20·2	71·4	3rd	96·8	27·4	24th	69·4
October ...	76·8	80·2	82·5	74·6	89·2	18·4	70·8	3rd	94·1	26·3	18th	67·8
November..	75·8	78·3	82·0	74·3	87·0	17·5	69·5	3rd & 4th	89·9	26·6	22nd	63·3
December..	74·6	76·7	81·1	74·0	85·2	17·1	68·1	31st	91·1	29·4	24th	61·7
Year ...	78·3	81·1	86·4	76·3	92·2	22·0	70·2	...	103·5	47·1	...	56·4

88. TRICHINOPOLY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	76·3	79·9	85·9	73·0	88·1	20·5	67·6	29th	90·9	28·7	4th	62·2
February...	80·5	83·2	91·8	77·4	93·8	23·4	70·4	4th	97·4	33·1	1st	64·3
March ...	83·2	85·6	94·5	81·1	97·1	25·0	72·1	28th	102·9	36·4	11th	66·5
April ...	87·6	90·1	98·2	84·3	100·7	22·0	78·7	21st	103·3	27·4	3rd	75·9
May ...	87·4	89·7	98·0	84·2	100·0	21·4	78·6	24th	104·0	32·2	17th	71·8
June ...	86·9	90·3	95·4	83·9	99·1	20·3	78·8	4th	103·3	27·5	7th	75·5
July ...	87·6	90·1	97·2	84·7	100·2	21·1	79·1	21st	104·6	29·2	30th	75·4
August ...	86·9	89·8	95·6	84·3	99·5	21·1	78·4	24th	103·2	28·8	24th	74·4
September..	83·5	86·6	91·5	80·0	94·9	18·3	76·6	9th	101·0	28·8	14th	72·2
October ...	80·1	83·5	85·8	77·9	89·8	15·5	74·3	2nd	94·8	22·5	26th	72·3
November..	78·3	80·8	83·1	76·7	86·5	13·4	73·1	2nd	90·2	21·0	22nd	69·2
December..	77·0	79·8	82·0	75·5	84·9	13·2	71·7	31st	90·8	22·8	21st	68·0
Year ...	82·9	85·8	91·6	80·3	94·6	19·6	75·0	...	104·6	42·4	...	62·2

89. NEGAPATAM (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	76·6	79·7	79·8	76·3	82·3	10·9	71·4	31st	84·3	18·2	2nd	66·1
February ...	79·3	83·2	82·8	78·2	85·7	12·1	73·6	13th	87·3	20·6	1st	66·7
March ...	81·4	85·9	84·8	80·0	88·4	12·9	75·5	29th	92·4	26·8	11th	66·1
April ...	84·6	88·5	87·9	82·7	91·8	12·3	79·5	7th & 8th	93·3	18·0	17th	75·3
May ...	84·9	88·7	89·5	83·0	93·0	14·9	79·0	26th	103·4	30·3	17th	73·1
June ...	86·2	90·4	92·1	83·6	98·4	18·8	79·6	26th	102·0	29·7	14th	72·3
July ...	85·4	89·7	90·6	82·9	99·8	20·7	79·1	5th & 7th	102·5	28·4	23rd	74·1
August ...	85·3	89·1	90·6	83·8	98·2	19·3	78·9	11th	102·1	25·1	9th	77·0
September...	82·8	86·0	87·6	81·0	92·9	16·2	76·7	1st	101·4	30·0	10th	71·4
October ...	81·6	84·8	85·6	80·4	89·9	13·8	76·1	26th	97·2	25·1	25th	72·1
November...	79·0	80·9	81·1	79·8	84·3	9·7	74·6	1st	89·9	18·2	22nd	71·7
December ...	78·4	80·9	80·2	78·4	82·9	7·9	75·0	12th	85·9	14·2	8th	71·7
Year ...	82·1	85·7	86·1	80·8	90·7	14·1	76·6	...	103·4	37·3	...	66·1

90. MADURA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	78·3	82·1	85·7	78·0	89·4	20·7	68·7	14th	92·4	29·1	4th	63·3
February ...	81·7	85·2	91·7	80·2	94·9	24·3	70·6	15th	97·1	33·0	2nd	64·1
March ...	82·9	86·3	93·3	80·6	96·7	24·4	72·3	28th	101·7	35·6	11th	66·1
April ...	87·0	91·6	97·0	82·3	100·8	22·9	77·9	21st	103·9	28·8	3rd & 21st	75·1
May ...	85·8	90·3	94·3	82·7	99·7	23·0	76·7	14th	104·1	31·2	31st	72·9
June ...	85·1	90·7	90·6	82·4	98·2	20·6	77·6	2nd	103·2	28·5	5th	74·7
July ...	87·0	92·5	95·4	83·0	102·3	24·5	77·8	6th	104·5	31·5	14th	73·0
August ...	86·8	92·3	94·3	83·2	101·4	23·6	77·8	27th	105·5	20·6	10th	75·9
September...	83·7	87·4	91·0	80·0	96·6	20·5	76·1	10th	104·2	32·2	20th	72·0
October ...	80·0	84·0	84·4	77·6	91·2	16·7	74·5	23rd	95·6	23·7	6th	71·9
November...	79·4	82·5	82·9	78·5	87·7	13·6	74·1	3rd	95·6	24·5	28th	71·1
December ...	78·1	81·2	82·4	77·3	86·8	14·3	72·5	14th	92·7	22·8	22nd	69·9
Year ...	83·0	87·2	90·3	80·5	95·5	20·8	74·7	...	105·5	42·2	...	63·3

91. COCHIN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	79·2	83·7	86·5	77·5	89·1	18·9	70·2	26th	92·8	26·2	4th to 6th	66·6
February ...	81·4	85·4	87·7	78·1	89·7	14·8	74·9	16th	91·5	19·0	19th	72·5
March ...	81·9	86·0	88·3	78·6	90·9	15·6	75·3	28th	93·5	21·1	13th	72·4
April ...	82·8	86·7	89·7	79·9	92·1	16·5	75·6	18th	93·7	20·5	12th	73·2
May ...	82·1	85·8	87·1	79·8	90·0	13·7	76·3	10th & 21st	92·9	21·4	1st	71·5
June ...	78·1	80·2	82·0	77·0	84·7	11·1	73·6	5th	88·8	17·4	13th	71·4
July ...	79·7	82·5	84·4	78·1	86·0	11·9	74·1	17th	90·9	19·0	25th	71·9
August ...	79·4	82·2	85·2	77·0	86·4	13·2	73·2	12th	88·9	18·6	30th	70·3
September...	79·2	82·4	82·9	77·3	85·6	11·2	74·4	17th & 19th	88·0	15·4	1st	72·6
October ...	78·9	81·2	84·1	76·6	86·3	12·4	73·9	3rd	88·2	16·0	8th	72·2
November...	80·0	83·8	85·0	77·3	88·1	13·6	74·5	13th	90·9	18·8	23rd	72·1
December ...	79·4	83·4	85·3	77·2	88·5	15·6	72·9	30th	92·1	25·0	24th	67·1
Year ...	80·2	83·6	85·7	77·9	88·1	14·0	74·1	...	93·7	27·1	...	66·6

92. COLOMBO.

MONTH.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	78·4	87·4	15·2	72·2	26th	90·6	22·7	5th	67·9
February ...	80·6	87·9	14·5	73·4	16th	94·6	24·8	28th	69·8
March ...	81·7	89·1	14·8	74·3	25th	91·5	20·2	1st,	71·3
April ...	82·8	89·2	12·7	76·5	27th	91·7	16·9	2nd, 14th, 17th & 18th	74·8
May ...	80·8	87·7	13·7	74·0	1st	92·6	20·6	16th	72·0
June ...	81·0	85·0	7·9	77·1	29th	86·6	12·6	25th & 27th	74·0
July ...	82·1	85·7	7·1	78·6	14th	87·2	12·7	23rd	74·5
August ...	81·7	85·6	7·7	77·9	27th	87·8	14·0	6th, 8th & 9th.	73·8
September...	80·6	85·4	9·6	75·8	1st	87·6	14·3	26th	73·3
October ...	80·4	85·7	10·6	75·1	27th	88·4	14·6	7th	73·8
November...	80·1	85 9	11·6	74·3	5th	87·9	15·1	5th & 11th	72·8
December ...	80·6	86·6	11·9	74·7	14th	89·3	16·3	3rd & 13th	73·0
Year ...	80·9	86·7	11·4	75·3	...	94·6	26·7	...	67·9

93. JAFFNA.

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	79·4	83·8	8·7	75·1	22nd	86·2	15·6	3rd	70·6
February ...	80·8	86·5	11·4	75·1	14th	88·4	17·8	26th	70·6
March ...	83·1	89·0	11·7	77·3	27th	91·4	20·4	11th	71·0
April ...	86·5	91·3	9·6	81·7	13th	93·3	13·3	30th	80·0
May ...	85·9	89·8	7·8	82·0	3rd	94·0	17·7	17th	76·3
June ...	84·2	87·1	5·8	81·3	12th, 18th, 22nd & 29th	88·0	7·7	27th	80·3
July ...	84·3	86·0	3·4	82·6	4th	87·8	10·5	25th	77·3
August ...	83·5	86·2	6·3	80·9	21st	87·7	8·2	3rd	79·5
September ...	83·7	86·6	5·8	80·8	1st, 2nd & 4th	88·0	10·6	24th	77·4
October ...	82·2	85·4	6·3	79·1	3rd	87·5	13·2	25th	74·3
November ...	80·5	84·0	7·4	76·6	2nd, 3rd & 22nd	87·0	12·8	16th	74·2
December ...	79·5	83·1	7·2	75·9	30th	85·5	11·5	20th, 21st & 31st	74·0
Year ...	82·8	86·6	7·6	79·0	...	94·0	23·4	...	70·6

94. TRINCOMALEE.

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	79·1	82·7	7·2	75·5	15th	84·6	13·6	5th	71·0
February ...	81·0	86·8	11·5	75·3	5th	88·4	18·2	24th	70·2
March ...	80·8	87·1	12·5	74·6	29th	90·6	19·4	21st & 26th	71·2
April ...	82·8	90·4	15·2	75·2	27th	92·2	21·0	1st, 9th & 16th	71·2
May ...	82·6	91·1	16·9	74·2	25th	93·8	27·4	17th	66·4
June ...	82·7	91·9	18·4	73·5	29th	95·8	24·6	8th	71·2
July ...	84·2	95·2	22·0	73·2	5th	98·6	26·9	29th	71·7
August ...	84·0	95·0	22·0	73·0	27th	97·6	27·4	8th	70·2
September ...	80·3	90·4	20·1	70·3	5th	96·2	30·5	19th	65·7
October ...	Readings inaccurate.								
November ...	Ditto.								
December ...	Instruments out of order.								
Year ...	...	...	...	...	...	...	...	...	...

95. BATTICALOA.

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	78·5	83·7	10·3	73·4	22nd	86·5	19·8	5th	66·7
February ...	79·0	85·5	13·0	72·5	24th	88·8	21·0	24th	67·8
March ...	80·3	86·6	12·5	74·1	30th	88·8	17·8	11th	71·0
April ...	83·0	89·2	12·4	76·8	29th	92·5	18·3	23rd	74·2
May ...	83·6	90·6	14·0	76·6	10th	95·4	25·0	16th	70·4
June ...	85·2	93·0	15·6	77·4	23rd	98·8	24·6	6th	74·2
July ...	84·8	92·9	16·2	76·7	3rd	98·6	24·4	11th	74·2
August ...	85·3	93·4	16·1	77·3	11th	98·8	25·2	25th	73·6
September ...	82·7	90·5	15·5	75·0	1st	98·8	28·6	13th	70·2
October ...	81·7	88·9	14·3	74·6	12th	95·4	24·4	13th	71·0
November ...	80·1	86·4	13·5	73·9	4th	91·0	19·3	30th	71·7
December ...	80·1	84·9	9·5	75·4	8th	88·0	15·3	4th	72·7
Year ...	82·0	88·8	13·5	75·3	...	98·8	32·1	...	66·7

96. HAMBANTOTA.

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	79·3	86·1	13·6	72·5	23rd & 24th	89·0	22·9	6th	66·1
February ...	80·1	87·0	13·7	73·3	16th	90·0	19·9	24th	70·1
March ...	81·0	88·3	14·5	73·8	12th	91·0	21·9	1st	69·1
April ...	82·9	89·2	12·6	76·6	19th	92·0	16·9	1st & 3rd	75·1
May ...	81·4	86·5	10·1	76·4	5th	92·0	21·9	16th	70·1
June ...	79·4	83·3	7·7	75·6	28th	88·0	13·9	25th	74·1
July ...	80·0	84·4	8·7	75·7	4th & 5th	91·0	20·9	15th	70·1
August ...	79·9	84·3	8·8	75·5	22nd & 27th	88·0	16·9	17th	71·1
September ...	79·7	84·4	9·3	75·1	3rd	88·0	14·9	9th	73·1
October ...	79·7	84·5	9·5	75·0	26th	89·0	15·9	21st & 29th	73·1
November ...	79·9	85·1	10·3	74·8	8th, 11th, 20th & 27th	87·0	13·9	28th	73·1
December ...	80·2	85·6	10·3	74·8	23rd	88·0	14·9	15th & 22nd	73·1
Year ...	80·3	85·7	10·8	74·9	...	92·0	25·9	...	66·1

97. GALLE.

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	78·6	82·8	7·3	74·5	17th	87·0	15·9	6th	71·1
February ...	80·0	84·3	8·6	75·7	18th	90·0	16·1	5th	73·9
March ...	81·1	85·7	9·1	76·6	22nd	89·0	15·1	1st	73·9
April ...	82·1	86·3	8·3	78·0	12th	89·1	12·7	15th	76·4
May ...	81·6	84·7	6·1	78·6	1st	89·0	15·7	16th	73·3
June ...	80·2	82·5	4·5	78·0	1st & 16th	84·0	8·0	9th & 10th	76·0
July ...	80·8	82·9	4·1	78·8	14th & 15th	84·0	7·1	26th	76·9
August ...	80·4	82·9	5·0	77·9	21st	84·2	8·8	8th & 14th	75·4
September...	79·4	82·3	5·8	76·5	17th	84·9	10·8	26th	74·1
October ...	79·5	82·7	6·4	76·3	27th	85·0	11·7	7th	73·3
November...	79·3	83·0	7·3	75·7	20th	85·3	11·8	25th	73·5
December...	79·6	83·6	8·0	75·6	27th	87·2	15·7	22nd	71·5
Year ...	80·2	83·6	6·7	76·9	...	90·0	18·9	...	71·1

98. KANDY.

Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
77·3	80·4	6·1	74·3	23rd	83·0	14·6	8th	68·4
77·0	82·2	10·4	71·8	13th	85·0	16·8	25th	68·2
79·5	84·0	9·0	75·0	15th	86·6	16·0	1st	70·6
80·8	85·0	8·3	76·7	11th& 12th	87·0	13·4	15th	73·6
79·6	82·5	5·7	76·8	7th	87·4	12·0	16th	75·4
76·9	78·8	3·8	75·0	15th	81·4	8·0	27th	73·1
77·1	79·5	4·7	74·8	12th	80·6	7·4	19th	73·2
77·4	79·9	4·9	75·0	6th & 7th	82·4	8·9	9th	73·5
77·7	80·6	5·8	74·8	18th & 20th	82·4	10·2	27th	72·2
77·8	81·4	7·2	74·2	28th	84·6	12·3	13th	72·3
76·9	81·2	8·5	72·7	23rd	86·5	15·3	23rd	71·2
76·7	80·0	6·6	73·4	13th & 14th	82·2	10·2	3rd & 22nd	72·0
77·9	81·3	6·8	74·5	...	87·4	19·2	...	68·2

99. NEWERA ELIYA.

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January ...	54·4	67·0	25·2	41·8	23rd	71·0	42·0	6th	29·0
February ...	55·0	69·0	28·0	41·0	2nd	73·0	43·0	28th	30·0
March ...	56·4	69·9	27·0	42·9	22nd & 26th	72·0	39·0	21st & 23rd	33·0
April ...	58·0	71·0	26·0	45·0	23rd & 27th to 29th	74·0	37·0	22nd	37·0
May ..	60·3	69·2	18·0	51·2	1st & 11th	73·0	32·0	2nd	41·0
June ...	58·9	63·4	8·9	54·5	15th	69·0	18·0	30th	51·0
July ...	59·9	66·7	13·5	53·2	5th to 7th & 21st	70·0	24·0	22nd	46·0
August ...	59·2	65·2	12·0	53·2	31st July	72·0	23·0	20th	49·0
September...	59·2	66·6	14·7	51·9	27th	72·0	27·0	27th	45·0
October ...	58·9	68·5	19·1	49·4	13th	79·0	37·0	30th	42·0
November...	58·4	67·4	17·9	49·5	3rd, 25th & 26th	69·0	24·0	12th	45·0
December...	59·1	66·9	15·5	51·4	7th	71·0	26·0	23rd	45·0
Year ...	58·1	67·6	18·8	48·8	...	79·0	50·0	...	29·0

100. AKYAB (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
70·9	74·5	78 5	82·5	23·5	59·0	31st	85·6	30·8	1st	54·8
72·1	76·3	78·9	83·8	24·9	58·9	25th & 27th	89·6	41·3	17th	48·3
78·1	82·9	83·0	88·6	23·0	65·6	14th, 17th & 25th	91·6	34·3	1st	57·3
82·9	87·5	86·7	92·0	20·0	72·0	3rd, 11th, 27th & 30th	91·5	30·2	5th	61·3
86·7	91·2	89·3	94·3	17·4	76·9	16th & 17th	97·5	27·2	10th	70·3
82·4	83·5	83·9	86·6	9·6	77·0	1st	92·1	18·8	3rd	73·3
80·4	81·3	81·5	84·6	8·9	75·7	1st	90·6	17·3	22nd & 24th	73·3
80·8	81·8	82·5	85·2	9·4	75·8	28th	90·6	18 3	23rd	72 3
82·0	83·7	84·4	87·2	10·7	76·5	2nd	92·6	20·3	16th	72·3
81·6	84·3	85·0	88·5	13·9	74·6	11th	91·6	21·3	17th	70·3
78·2	80·8	81·8	85·4	14·2	71·2	10th	89·6	25·3	27th	64·3
72·0	75·4	77·9	82·6	21·4	61·2	13th	86·7	29·4	3rd	57·3
79·0	81·9	82·8	86·8	16·4	70·4	...	97·5	49·2	...	48·3

101. THYETMIO (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	No observations.										
February ...	Ditto.										
March ...	Ditto.										
April ...	Ditto.										
May ...	Ditto.										
June ...	Ditto.										
July ...	Ditto.										
August ...	Ditto.										
September ...	Ditto.										
October ...	Observatory opened, November 1877.										
November ...	76·1	80·4	83·8	86·1	17·7	68·4	7th	88·3	27·5	30th	60·8
December ...	71·0	76·2	83·1	84·4	25·5	58·9	31st	88·7	33·9	19th & 20th	54·8
Year ...	...	...	...	...	...	...	...	...	...	...	...

102. TOUNGHOO (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	No observations.										
February ...	Ditto.										
March ...	Ditto.										
April ...	Ditto.										
May ...	Ditto.										
June ...	Ditto.										
July ...	Ditto.										
August ...	Ditty.										
September ...	Ditto,										
October ...	Ditto.										
November ...	Observatory opened, November 1877.										
December ...	78·0	80·3	84·9	88·6	17·5	71·1	2nd	92·7	29·5	23rd	63·2
Year ...	71·8	74·8	82·1	85·7	24·3	61·4	13th	89·2	33·5	31st	35·7
	...	...	...	...	...	...	...	...	...	...	...

103. BASSEIN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	72·1	78·1	83·4	85·6	24·8	60·8	25th	89·7	34·9	1st & 6th	54·8
February ...	74·7	80·5	85·8	89·3	25·7	63·6	26th	94·8	36·7	1st	58·1
March ...	78·8	85·2	88·7	93·7	25·7	68·0	31st	98·8	37·5	6th	61·3
April ...	82·9	90·5	91·9	96·7	22·9	73·8	3rd	100·0	30·6	7th	69·4
May ...	85·3	90·5	92·3	96·3	18·0	78·3	13th	103·3	29·2	25th	74·1
June ...	79·1	82·6	81·8	85·3	9·0	76·3	3rd, 7th, 14th, 18th, 27th & 28th.	88·7	15·6	1st	73·1
July ...	78·7	81·6	81·5	84·8	8·8	76·0	14th	89·7	15·7	19th	74·0
August ...	78·9	81·6	81·4	84·8	8·5	76·3	23rd	89·0	14·8	7th	74·2
September ...	79·3	82·9	83·2	86·5	11·1	75·4	27th	90·5	17·8	15th	72·7
October ...	79·3	83·9	83·3	87·7	12·4	75·3	20th	90·7	17·3	5th	73·4
November ...	78·5	83·0	84·5	87·3	14·8	72·5	1st	89·3	20·9	30th	68·4
December ...	71·1	79·0	84·3	85·6	21·6	64·0	31st	89·3	30·7	26th	58·6
Year ...	78·4	83·3	85·2	88·6	16·9	71·7	...	103·3	48·5	...	54·8

104. RANGOON (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	75·0	77·8	85·6	88·0	23·6	64·4	23rd	97·7	38·4	1st	59·3
February ...	76·9	79·8	89·3	91·8	27·2	64·6	25th & 26th	96·0	38·6	18th	57·4
March ...	80·4	83·5	92·1	96·8	28·1	68·7	27th	103·9	41·5	4th	62·4
April ...	84·1	89·6	93·3	99·7	24·9	74·8	23rd	104·6	34·2	7th	70·4
May ...	85·3	91·0	92·4	99·7	21·5	78·2	4th & 10th	106·7	32·9	27th	73·8
June ...	79·4	81·6	81·3	85·2	7·6	77·6	15th	90·1	14·7	1st & 5th	75·4
July ...	?	80·7	80·2	85·3	?	?	14th & 26th	90·0	?	?	?
August ...	77·9	81·5	80·1	84·7	9·0	75·7	22nd	89·1	15·7	7th	73·4
September ...	78·9	82·3	82·2	86·3	10·7	75·6	26th	90·2	16·7	10th, 14th & 16th.	73·5
October ...	79·8	83·2	83·8	87·1	11·3	75·8	19th & 20th	90·7	17·2	24th	73·5
November ...	80·0	83·5	86·2	88·9	15·1	73·8	25th & 27th	91·9	21·4	30th	70·5
December ...	77·3	81·4	87·2	89·4	22·0	67·4	31st	92·7	29·7	20th	63·0
Year ...	...	83·0	86·1	90·2	...	...	...	106·7	49·1	...	57·4

105. MOULMEIN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	75·1	77·4	86·0	90·8	26·6	64·2	21st & 22nd	95·1	36·4	5th	58·7
February ...	76·9	80·6	88·1	92·2	26·4	65·8	15th	95·5	35·4	18th	60·1
March ...	80·6	85·8	89·4	95·0	23·1	71·9	27th & 28th	100·5	33·0	9th	67·5
April ...	83·9	89·2	92·3	96·8	21·2	75·6	1st & 3rd	100·0	29·1	6th	70·9
May ...	84·3	88·7	89·7	93·0	14·1	78·9	3rd	98·5	25·7	27th	72·8
June ...	78·6	81·3	81·5	82·5	6·8	75·7	4th	90·0	17·7	26th	72·3
July ...	77·6	80·3	81·0	81·7	7·5	74·2	20th	87·5	15·7	23rd	71·8
August ...	77·8	79·9	80·3	80·6	5·4	75·2	31st	87·5	14·7	3rd, & 23rd	72·8
September ...	78·7	82·5	82·7	85·0	10·4	74·6	2nd	91·5	19·2	9th, 11th, 13th, 15th & 16th	72·3
October ...	79·4	83·5	84·2	85·2	10·6	74·6	1st, 18th & 19th.	89·5	17·7	29th	71·8
November ...	79·9	85·2	85·4	86·8	12·5	74·3	22nd & 23rd	90·5	18·2	30th	72·3
December ...	78·4	81·1	87·4	87·4	18·1	69·3	9th	92·5	29·4	21st	63·1
Year ...	79·3	83·0	85·7	88·1	15·2	72·9	...	100·5	41·8	...	58·7

106. MERGUI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	No observations.										
February ...	Ditto.										
March ...	Ditto.										
April ...	Ditto.										
May ...	Ditto.										
June ...	Ditto.										
July ...	Ditto.										
August ...	Observatory opened, September 1877.										
September ...	78·2	82·3	81·8	87·0	12·4	74·6	23rd & 30th	89·9	17·4	6th & 27th	72·6
October ...	79·3	83·1	83·8	88·5	13·8	74·7	20th	91·8	19·3	28th	72·5
November ...	79·6	84·0	85·4	89·1	15·2	73·9	25th	91·8	21·3	28th	70·5
December ...	80·8	85·5	87·5	91·1	17·1	74·0	15th	94·3	22·8	28th	71·5
Year ...	...	...	...	...	...	...	...	...	...	...	...

107. PORT BLAIR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	79·2	81·8	83·3	85·3	10·2	75·1	24th	87·5	18·0	5th	69·5
February ...	78·9	81·6	84·7	86·6	13·5	73·1	14th	88·5	20·0	12th	68·5
March ...	80·7	84·2	87·0	88·8	14·3	74·5	28th	92·1	22·2	5th	69·9
April ...	83·9	88·0	90·1	92·5	14·7	77·8	29th & 30th	94·6	20·2	18th	74·4
May ...	83·8	86·9	88·0	90·8	11·2	79·6	6th	95·6	22·2	26th	73·4
June ...	80·2	82·8	83·1	85·7	8·3	77·4	6th & 8th	88·5	15·1	4th	73·4
July ...	81·5	83·8	84·0	86·3	7·3	79·0	5th to 7th, 19th & 22nd	88·0	13·1	24th & 26th	74·9
August ...	80·3	82·8	82·8	85·4	7·6	77·8	5th	87·0	13·9	24th	73·1
September ...	79·2	82·3	82·5	85·7	9·7	76·0	30th	89·4	15·5	1st	73·9
October ...	80·0	84·0	83·7	87·1	10·7	76·4	1st & 16th	89·6	15·9	22nd	73·7
November ...	81·1	84·5	84·9	87·7	10·5	77·2	10th & 29th	89·6	16·7	30th	72·9
December ...	80·8	83·7	84·4	87·3	10·2	77·1	30th	90·0	19·1	21st	70·9
Year ...	80·8	83·9	84·9	87·4	10·7	76·8	...	95·6	27·1	...	68·5

108. 'NANCOWRY (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January ...	80·1	83·8	82·4	...	...	77·8	...	...	...	6th	76·3
February ...	80·8	84·8	83·7	..	...	77·8	...	...	...	26th	74·3
March ...	82·4	86·0	85·8	...	...	78·9	...	...	...	11th & 12th	76·3
April ...	84·8	88·7	88·0	...	...	81·6	...	...	...	19th & 23rd	79·3
May ...	84·2	87·1	87·6	...	...	80·9	...	...	...	16th	76·8
June ...	81·5	84·0	84·5	...	...	78·5	...	...	...	5th	73·7
July ...	82·1	85·1	84·6	...	...	79·6	...	...	...	15th	76·8
August ...	80·1	83·5	82·7	...	...	77·6	..	...	...	22nd	75·1
September ...	80·4	83·4	83·7	...	...	77·2	...	...	...	2nd	73·2
October ...	79·9	83·6	82·3	...	...	77·4	...	...	...	21st	75·3
November ...	80·7	84·4	83·7	...	...	77·7	...	...	...	17th	75·3
December ...	80·4	83·2	83·2	...	...	77·6	...	...	...	13th & 30th	75·8
Year ...	81·5	84·8	84·4	...	...	78·6	...	...	...	...	73·2

TABLE IV.—SEA-LEVEL EQUIVALENTS OF MONTHLY MEAN TEMPERATURES IN 1877.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Peshawar	51·9	51·5	63·3	69·3	81·4	87·9	92·2	90·4	84·6	71·7	63·0	53·4	71·7
Rawal Pindi ...	52·4	50·9	64·3	69·8	81·3	90·0	92·3	91·5	84·4	70·6	63·1	53·6	72·0
Sealkot	?	54·4	?	?	84·3	91·5	92·3	93·0	87·7	76·6	69·0	56·6	?
Lahore	55·7	56·1	69·1	76·2	86·5	94·9	94·8	95·4	89·1	77·7	70·3	56·5	76·9
Ludhiana	?	55·6	68·0	76·0	84·8	92·9	91·7	92·2	86·4	76·2	69·6	57·2	?
Delhi	58·8	59·9	72·6	80·3	89·7	94·9	93·2	95·3	92·0	80·3	74·3	60·7	79·3
Sirsa	55·8	57·6	71·4	78·5	87·2	94·0	94·6	96·4	89·4	79·1	72·1	58·0	77·8
Dera Ismail Khan ...	54·3	55·1	69·0	73·1	84·6	91·9	?	?	87·7	75·6	66·1	55·0	?
Mooltan	55·8	56·4	69·6	75·4	87·2	94·6	92·9	91·2	84·5	74·7	66·4	56·6	75·4
Ajmere	61·0	63·2	76·7	84·0	90·7	95·5	87·9	90·5	88·4	80·1	74·5	63·4	79·7
Dehra	59·6	58·0	68·2	75·5	84·1	89·7	88·0	88·3	85·6	76·4	71·7	61·6	75·5
Roorkee	58·6	57·6	69·3	78·8	87·2	92·6	90·6	90·7	89·7	77·7	71·1	59·1	76·9
Meerut	58·2	58·2	71·5	79·0	87·5	93·4	92·5	94·5	90·6	78·1	72·0	59·5	77·9
Bareilly	60·6	58·9	71·4	80·8	88·8	91·9	89·9	90·8	90·5	77·5	70·8	59·4	77·6
Agra	61·7	62·4	77·8	86·1	93·4	97·8	94·2	97·5	94·6	82·6	77·3	62·7	82·3
Lucknow	62·2	61·7	75·4	82·9	91·4	94·5	91·3	91·9	91·8	79·2	74·0	61·7	79·8
Gorakhpur	62·6	62·2	74·4	81·6	88·2	89·9	86·9	86·4	87·9	78·0	71·9	60·9	77·6
Jhansi	65·2	65·5	79·1	86·0	93·8	97·2	92·0	92·2	90·7	83·7	79·9	66·7	82·6
Nowgong	?	?	?	?	?	95·3	89·3	89·3	88·2	81·3	74·6	65·6	?
Sutna	63·7	63·5	77·1	83·7	90·2	94·4	88·2	86·1	86·0	79·5	74·0	66·3	79·4
Allahabad	60·9	60·5	75·3	84·0	91·8	93·9	91·0	91·2	89·7	80·4	74·4	63·7	79·7
Benares	62·0	61·6	75·8	83·8	91·4	94·0	87·9	87·8	86·4	79·1	74·0	63·3	78·9
Sibsagar	59·7	62·1	68·7	73·4	77·5	84·3	84·1	85·1	81·3	76·8	70·1	62·5	73·8
Goalpara	64·1	65·5	74·4	76·4	78·9	83·9	82·3	84·4	80·6	78·1	73·4	65·6	75·6
Darjeeling	57·3	55·4	65·6	68·4	73·9	79·0	79·3	80·0	76·8	72·1	67·3	60·4	69·6
Purneah	?	?	?	80·0	83·9	85·9	83·4	85·4	83·7	78·9	73·4	63·7	?
Durbhanga	62·5	61·5	73·3	79·7	83·7	87·3	84·6	84·8	83·8	78·4	73·3	63·5	76·4
Patna	62·4	61·5	75·8	84·8	87·7	90·8	86·9	86·7	87·1	80·4	74·6	63·2	78·5
Gya	64·7	64·9	77·6	85·3	89·8	91·8	87·8	85·9	88·1	81·4	76·3	66·9	80·0
Hazaribagh ..	65·5	64·4	77·3	83·5	88·0	88·8	85·0	83·8	84·9	79·8	75·7	67·1	78·6
Berhampore ...	64·4	64·3	76·2	80·6	84·8	83·3	82·5	82·5	83·2	79·4	74·9	66·0	76·9
Burdwan	67·1	66·7	79·4	83·1	85·7	85·4	84·2	83·5	84·6	81·2	77·2	68·7	78·9
Jessore	64·8	65·1	77·5	80·5	82·6	83·0	82·4	82·0	82·9	80·5	75·3	67·3	77·0
Dacca	66·9	67·6	77·7	79·8	83·4	83·6	83·8	84·0	84·1	82·2	76·7	69·2	78·2
Silchar	64·0	64·7	72·9	76·9	79·6	83·5	82·1	83·5	81·0	79·1	75·0	65·9	75·7
Chittagong... ...	68·0	68·2	76·1	80·1	83·9	81·5	81·5	81·6	82·2	80·2	76·1	69·4	77·4
Calcutta	67·7	68·0	79·5	82·6	85·2	84·4	82·6	82·4	83·6	81·4	77·2	69·7	78·7
Alipore	?	?	?	79·8	82·8	82·6	81·8	81·5	82·3	79·1	74·0	66·9	?

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Saugor Island ...	67·8	68·8	79·8	82·8	85·5	85·6	84·3	84·0	84·8	82·1	77·4	70·2	79·4
Cuttack	71·3	72·0	83·2	85·4	88·4	86·8	85·1	84·1	84·8	83·1	78·3	74·9	81·5
False Point... ...	69·4	70·7	79·3	81·6	84·8	84·8	83·6	82·6	84·1	83·4	75·1	70·4	79·2
Sambalpur	68·9	73·6	80·1	84·6	89·7	89·6	84·4	82·0	84·7	81·9	75·2	73·1	80·6
Raipur	69·0	72·1	81·5	82·1	87·7	89·0	83·0	79·9	83·1	79·1	74·7	73·1	79·5
Nagpur	69·9	72·8	82·2	85·6	91·2	89·2	82·8	81·9	83·2	79·3	75·0	73·8	80·6
Seoni	67·6	69·6	80·1	81·8	88·3	88·0	83·1	81·3	81·9	78·0	74·6	71·4	78·8
Jubbulpore... ...	65·2	66·2	77·8	82·1	88·1	90·3	85·2	81·9	83·2	78·5	71·8	68·4	78·2
Saugor	64·2	67·1	78·2	84·4	91·0	92·2	85·0	84·3	86·5	81·8	78·2	70·1	80·3
Hoshangabad ...	67·5	69·4	80·9	87·5	92·8	91·9	85·1	82·5	85·2	80·7	76·0	70·7	80·8
Khandwa	68·2	70·8	81·4	88·2	93·1	90·8	84·7	82·7	84·6	80·2	76·0	73 9	81·2
Buldana	72·6	74·8	83·6	88·1	91·6	88·0	83·2	81·5	83·0	79·7	78·8	75·5	81·7
Akola	70·0	73·6	81·8	87·2	93·5	90·1	84·6	83·8	84·7	80·6	76·6	75·0	81·8
Amraoti	71·0	74·0	82·7	87·1	92·7	89·3	84·2	82·5	84·3	80·5	77·8	74·9	81·8
Chanda	71·6	75·3	83·5	83·9	91·8	91·0	82·9	82·6	83·3	80·2	74·8	75·5	81·4
Sironcha	73·1	79·1	83·7	87·6	91·1	90·7	85·7	83·4	83·2	80·7	75·8	77·4	82·6
Jacobabad	?	?	73·9	79·0	88·9	95·5	94·2	92·8	86·6	77·2	69·3	57·3	?
Hyderabad	?	?	?	?	?	92·2	89·1	87·7	86·5	83·2	77·3	63·1	?
Kurrachee	65·0	68·7	77·4	80·2	86·3	87·4	85·8	83·6	83·1	81·0	76·0	66·5	78·4
Rajkot	?	?	?	?	?	?	86·8	85·7	84·5	?	79·5	71·2	?
Deesa	66·5	69·6	79·8	88·1	92·6	92·3	87·6	88·3	85·6	80·7	78·2	70·3	81·6
Neemuch	?	?	80·0	85·7	90·2	92·7	85·2	85·7	85·3	79·3	76·0	68·7	?
Surat	?	?	?	84·8	85·8	85·6	84·3	83·9	84·3	80·1	78·3	74·2	?
Malegaon	?	?	?	?		85·5	84·1	82·6	83·9	80·1	77·7	75·3	?
Bombay	75·7	76·0	79·8	82·7	85·6	84·7	83·7	82·5	82·7	82·2	82·1	78·9	81·4
Poona	76·4	79·1	85·4	88·5	88·4	83·3	82·2	81·0	81·8	80·8	81·1	79·4	82·3
Sholapur	76·7	81·3	86·6	89·0	92·0	86·4	84·4	83·9	81·6	81·7	79·9	78·1	83·4
Ratnagiri	75·0	76·1	78·5	81·5	83·6	82·2	82·1	80·0	79·4	80·2	80·3	79·1	79·8
Belgaum	76·3	80·2	84·7	86·3	86·8	81·1	79·3	78·0	78·4	78·1	79·7	78·5	80·6
Vizagapatam ...	75·5	78·5	82·6	85·6	87·6	88·8	88·3	87·0	85·2	85·0	80·7	79·2	83·7
Masulipatam ...	74·7	78·4	80·4	83·9	87·4	88·8	89·0	86·9	83·2	81·3	79·0	77·9	82·6
Bellary	77·5	83·5	88·6	91·9	92·4	86·9	86·3	85·7	83·7	80·8	79·4	78·6	84·6
Bangalore	75·2	80·8	83·4	87·7	86·6	81·9	82·3	81·1	79·4	79·3	77·3	75·9	80·9
Madras	75·9	78·7	79·8	83·3	84·4	86·4	86·4	84·7	82·9	81·7	78·5	78·6	81·8
Salem	79·8	84·2	85·9	89·9	88·4	85·6	87·4	85·7	83·8	81·6	80·5	?	?
Coimbatore... ...	77·1	81·2	83·3	86·8	85·6	81·0	81·6	81·1	81·4	79·8	78·8	77·6	81·3
Trichinopoly ...	76·9	81·1	83·8	83·2	88·0	87·5	88·2	87·5	84·1	80·7	78·9	77·6	83·5
Negapatam... ...	76·6	79·3	81·4	84·6	84·9	86·2	85·4	85·3	82·8	81·6	79·0	78·4	82·1
Madura	79·3	82·7	83·9	88·0	86·8	86·1	88·0	87·8	84·7	81·0	80·4	79·1	84·0

TABLE IV.—SEA-LEVEL EQUIVALENTS OF MONTHLY MEAN TEMPERATURES IN 1877.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Cochin	79·2	81·4	81·9	82·8	82·1	78·1	79·7	79·4	79·2	78·9	80·0	79·4	80·2
Colombo	78·5	80·7	81·8	82·9	80·9	81·1	82·2	81·8	80·7	80·5	80·2	80·7	81·0
Jaffna	79·4	80·8	83·1	86·5	85·9	84·2	84·3	83·5	83·7	82·2	80·5	79 5	82·8
Trincomalee ...	79·5	81·4	81·2	83·2	83·0	83·1	84·6	84·4	80·7	?	?	?	?
Batticaloa	78·5	79·0	80·3	83·0	83·6	85·2	84·8	85·3	82·7	81·7	80·1	80·1	82·0
Hambantota ...	79·4	80·2	81·1	83·0	81·5	79·5	80·1	80·0	79·8	79·8	80·0	80·3	80·4
Galle	78·7	80·1	81·2	82·2	81·7	80·3	80·9	80·5	79·5	79·6	79·4	79·7	80·3
Kandy	81·0	80·7	83·2	84·5	83·3	80·6	80·8	81·1	81·4	81·5	80·6	80·4	81·6
Akyab	70·9	72·1	78·1	82·9	86·7	82·4	80·4	80·8	82·0	81·6	78·2	71·9	79·0
Theyetmyo	?	?	?	?	?	?	?	?	?	?	76·4	71·3	?
Tounghoo	?	?	?	?	?	?	?	?	?	?	78·4	72·2	?
Bassein	72·1	74·7	78·4	82·0	85·3	79·1	78·8	78·9	79·3	79·3	78·5	74·2	78·4
Rangoon	75·1	77·1	80·5	84·2	85·4	79·6	?	78·0	79·0	79·9	80·1	77·4	?
Moulmein	75·3	77·1	80·8	84·1	84·5	78·8	77·8	78·0	78·9	79·6	80·1	78·6	79·5
Mergui	?	?	?	?	?	?	?	?	78·4	79·5	79·8	81·0	?
Port Blair	79·3	79·0	80·8	84·0	83·9	80·3	81·6	80·4	79·3	80·1	81·2	80·9	80·9
Nancowry	80·3	81·0	82·6	85·0	84·4	81·7	82·3	80·3	80·6	80·1	80·9	80·6	81·7

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1877—(106 STATIONS).

1. LEH.

2. PESHAWAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	19+	19+	19+		19+		19+			28+	28+	28+		28+		28+		
January ...	·655	·689	·622	·067	·939	1st	·364	31st	·575	1·024	1·066	·983	·083	1·249	18th	·816	11th	·433
February ...	·579	·622	·537	·085	·911	19th	·066	7th	·845	·945	·985	·904	·081	1·154	15th	·493	7th	·661
March ...	·646	·691	·601	·090	·951	2nd	·469	30th	·482	·834	·888	·780	·108	1·071	1st	·574	19th	·497
April ...	·664	·708	·620	·088	·839	16th	·514	6th	·325	·793	·833	·753	·080	1·056	19th	·581	26th	·475
May ...	·667	·706	·628	·078	·835	31st	·482	7th	·353	·623	·670	·576	·094	·793	9th	·420	26th	·373
June ...	·662	·706	·617	·089	·870	15th	·532	27th	·338	·472	·521	·424	·097	·756	5th	·169	27th	·587
July ...	·590	·642	·538	·104	·775	25th	·424	29th	·351	·387	·440	·334	·106	·606	25th	·189	29th	·417
August ...	·635	·694	·576	·118	·838	30th	·474	18th	·364	·449	·505	·392	·113	·722	22nd	·206	17th	·516
September ...	·728	·780	·675	·105	·911	30th	·516	11th	·395	·620	·675	·566	·109	·763	28th	·357	11th	·406
October ...	·752	·799	·705	·094	·932	27th	·601	14th	·331	·853	·899	·807	·092	1·061	31st	·608	1st	·453
November ...	·743	·781	·706	·075	·920	14th	·538	28th	·382	·952	·997	·906	·091	1·131	13th	·744	3rd	·387
December ...	·630	·658	·602	·056	·905	20th	·309	28th	·596	·968	1·010	·925	·085	1·195	11th	·486	28th	·709
Year ...	·663	·706	·619	·087	·951	...	·066	...	·885	·743	·791	696	·095	1·249	...	·169	...	1·080

3. MURREE.*

4. RAWALPINDI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		23+			27+	27+	27+		27+		27+		
January ...	·919	·942	·896	·046	1·070	18th	·667	11th	·403	1·389	1·429	1·350	·079	1·584	18th	1·173	12th	·411
February ..	·835	·848	·823	·025	1·008	28th	·658	7th	·350	1·306	1·345	1·266	·079	1·492	15th & 16th	·960	7th	·532
March ...	·864	·883	·844	·039	1·010	1st	·674	20th	·336	1·222	1·267	1·178	·089	1·440	13th	1·056	19th	·384
April ...	·888	·898	·877	·021	1·011	19th	·770	13th	·241	1·169	1·214	1·125	·089	1·349	1st	1·002	26th	·347
May ...	·820	·835	·805	·030	·918	16th	·707	6th	·211	1·036	1·076	·995	·081	1·159	8th	·811	26th	·348
June ...	·773	·789	·756	·033	·922	5th	·611	25th	·311	·911	·952	·870	·082	1·135	5th	·612	26th & 27th	·523
July ...	·730	·745	·716	·029	·892	25th	·626	17th	·266	·841	·892	·790	·102	·996	25th	·651	29th	·345
August ...	·773	·791	·754	·037	·923	24th	·663	18th	·260	·872	·911	·832	·079	1·129	31st	·694	18th	·435
September ...	·868	·888	·849	·039	·971	30th	·704	11th	·267	1·047	1·087	1·027	·040	1·332	15th	·790	11th	·542
October ...	·935	·953	·916	·037	1·057	26th	·833	15th	·224	1·272	1·316	1·229	·087	1·466	31st	1·028	5th	·438
November ...	·928	·949	·908	·041	1·051	10th	·766	25th	·285	1·315	1·353	1·276	·077	1·461	14th	1·142	5th	·319
December ...	·884	·901	·866	·035	1·008	19th	·675	31st	·333	1·310	1·350	1·271	·079	1·522	19th	·872	28th	·650
Year ...	·851	·868	·834	·034	1·070	...	·611	...	·459	1·141	1·181	1·101	·080	1·584	...	·612	...	·972

* Barometer uncorrected.

5. SEALKOT.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·283	1·302	1·264	·038	1·464	18th	·994	11th	·460
February ...	1·181	1·217	1·145	·072	1·339	18th	·796	7th	·543
March ...	1·081	1·121	1·041	·080	1·269	1st	·934	29th	·335
April ...	1·014	1·059	·970	·089	1·238	15th & 19th	·828	26th	·435
May ...	·872	·916	·828	·088	1·060	9th	·625	26th	·435
June ...	·730	·781	·679	·102	1·002	3rd	·424	26th	·574
July ...	·666	·712	·621	·091	·856	25th	·524	28th	·332
August ...	·710	·760	·660	·100	·955	22nd	·486	17th	·469
September ...	·870	·917	·823	·094	1·017	20th & 30th	·631	11th	·386
October ...	1·091	1·137	1·046	·091	1·274	31st	·865	1st & 5th	·409
November ...	1·168	1·212	1·125	·087	1·297	10th & 13th	·962	5th	·335
December ...	1·194	1·238	1·149	·089	1·411	11th	·761	28th	·650
Year ...	·988	1·031	·946	·085	1·464	...	·424	...	1·040

6. LAHORE.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	28+	28+	28+	28+	28+		28+		28+		
January ...	1·357	1·338	1·399	1·330	1·363	·069	1·573	18th, 10 h.	1·051	11th, 4 h.	·522
February ...	1·275	1·257	1·315	1·248	1·278	·067	1·480	15th, „	·844	7th, „	·636
March ...	1·161	1·142	1·209	1·131	1·163	·078	1·352	1st, „	·932	20th, „	·420
April ...	1·098	1·081	1·145	1·060	1·106	·085	1·383	1st, „	·916	9th, 16 h.	·467
May ...	·952	·943	·994	·925	·948	·069	1·140	9th, „	·716	26th, „	·424
June ...	·805	·795	·855	·771	·801	·084	1·048	5th, „	·533	26th, „	·515
July ...	·752	·744	·790	·724	·749	·066	·950	25th, „	·620	29th, „	·330
August ...	·793	·788	·842	·757	·786	·085	1·026	22nd, „	·567	17th, 4 h.	·459
September ...	·955	·945	1·010	·920	·946	·090	1·144	20th, „	·738	11th, 16 h.	·406
October ...	1·176	1·158	1·225	1·143	1·178	·082	1·375	26th, „	·965	1st, „	·410
November ...	1·260	1·244	1·310	1·229	1·256	·081	1·409	10th, „	1·054	5th, „	·354
December ...	1·300	1·285	1·347	1·271	1·299	·076	1·515	19th, „	·888	28th, „	·627
Year ...	1·074	1·060	1·120	1·042	1·073	·078	1·573	...	·533	...	1·040

7. LUDHIANA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·272	1·310	1·234	·076	1·449	18th	·933	11th	·516
February ...	1·192	1·233	1·152	·081	1·386	15th	·765	3rd	·621
March ...	1·081	1·122	1·039	·083	1·271	1st	·913	19th	·358
April ...	1·011	1·061	·961	·100	1·204	1st	·796	26th	·408
May ...	·873	·925	·822	·103	1·056	9th	·612	26th	·444
June ...	·746	·799	·692	·107	1·014	5th	·438	26th	·576
July ...	·695	·733	·658	·075	·875	25th	·568	18th	·307
August ...	·739	·786	·691	·095	·991	22nd	·519	16th	·472
September ...	·899	·945	·854	·091	1·054	20th	·692	11th	·362
October ...	1·101	1·143	1·059	·084	1·273	26th	·888	1st	·385
November ...	1·175	1·218	1·133	·085	1·310	10th	·976	5th	·334
December ...	1·211	1·256	1·165	·091	1·408	11th	·820	28th	·588
Year ...	1·000	1·044	·955	·089	1·449	...	·438	...	1·011

8. SIMLA.*

MONTH.	Mean.	10-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		22+		
January ...	·348	·373	·323	·050	·455	18th	1·150	11th	·305
February ...	·257	·285	·230	·055	·417	26th	·767	7th	·650
March ...	·299	·324	·274	·050	·423	13th	1·202	5th	·221
April ...	·318	·340	·295	·045	·467	19th	1·186	7th	·281
May ...	·241	·260	·222	·038	·350	17th	1·007	7th	·343
June ...	·192	·213	·172	·041	·364	15th	1·058	26th	·306
July ...	·141	·147	·134	·013	·253	25th	1·009	13th	·244
August ...	·208	·244	·172	·072	·383	23rd & 25th	1·053	11th	·330
September ...	·283	·299	·266	·033	·394	20th	1·153	11th	·241
October ...	·345	·355	·335	·020	·448	12th	1·290	29th	·158
November ...	·369	·386	·352	·034	·456	23rd	1·278	27th	·178
December ...	·337	·362	·311	·051	·484	24th	1·122	31st	·362
Year ...	·278	·299	·257	·042	·484	...	·767	...	·717

* Barometer uncorrected.

9. DELHI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·364	1·416	1·312	·104	1·548	18th	1·077	11th	·471
February ...	1·288	1·337	1·240	.097	1·523	14th	·984	3rd	·539
March ...	1·163	1·213	1·112	·101	1·365	1st	1·001	29th	·364
April ...	1·087	1·144	1·030	·114	1·286	1st	·909	23rd	·377
May ...	·938	·993	·884	·109	1·140	9th	·710	26th	·430
June ...	·809	·868	·751	·117	1·043	5th	·547	25th & 26th	·496
July ...	·763	·792	·733	·059	·985	25th	·629	18th	·356
August ...	·815	·871	·759	·112	1·062	22nd	·600	16th	·462
September ...	1·970	1·027	·913	·114	1·147	20th	·758	10th	·389
October ...	1·173	1·228	1·119	·109	1·380	27th	·947	1st	·433
November ...	1·256	1·314	1·197	·117	1·393	10th	1·037	5th	·356
December ...	1·299	1·355	1·243	·112	1·496	11th	1·028	28th	·468
Year ...	1·077	1·130	1·024	·106	1·548	...	·547	...	1·001

10. SIRSA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28+		
January ...	1·405	1·449	1·361	·088	·590	18th	1·025	11th	·565
February ...	1·356	1·406	1·307	·099	·560	15th	·890	3rd	.670
March ...	1·233	1·283	1·183	·100	·469	1st	1·012	19th	.457
April ...	1·161	1·217	1·104	·113	·355	1st	·969	26th	.386
May ...	1·020	1·073	·967	·106	·218	9th	·769	26th	·449
June ...	·890	·943	·838	·105	·110	5th	·628	26th	.482
July ...	·853	·896	·811	·085	·043	25th	·733	29th	·310
August ...	·890	·940	·839	·101	·133	22nd	·701	16th	·432
September ...	1·057	1·109	1·005	·104	·244	20th	·832	11th	·412
October ...	1·248	1·299	1·198	·101	·458	26th	1·036	5th	·422
November ...	1·337	1·389	1·285	·104	·485	10th	1·113	4th	·372
December ...	1·372	1·420	1·324	·096	·592	11th	1·011	28th	·581
Year ...	1·152	1·202	1·102	·100	·592	...	·628	...	·964

11. DERA ISMAIL KHAN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28+		
January ...	1·558	1·596	1·521	·075	·780	18th	1·298	11th	·482
February ...	1·480	1·521	1·439	·082	·684	23rd	1·040	7th	·644
March ...	1·342	1·399	1·285	·114	·575	13th	1·065	19th	·510
April ...	1·290	1·348	1·231	·117	·504	19th	1·077	9th	·427
May ...	1·120	1·171	1·070	·101	·300	9th	·889	26th	·411
June ...	·946	·993	·899	·094	·186	5th	·521	24th	·665
July ...	·897	·942	·851	·091	·087	25th	·758	28th	·329
August ...	·943	·988	·898	·090	·150	30th	·734	17th	·416
September ...	1·117	1·162	1·072	·090	·294	20th	·881	11th	·413
October ...	1·340	1·383	1·298	·085	·542	31st	1·047	1st	·495
November ...	1·448	1·491	1·404	·087	·589	13th	1·192	4th	·397
December ...	1·476	1·533	1·420	·113	·723	11th	1·056	28th	·667
Year ...	1·246	1·294	·190	·095	·780	...	·521	...	·259

12. MOOLTAN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January ...	·700	·758	·643	·115	·997	18th	1·381	11th	·616
February ...	·628	·683	·572	·111	·869	15th	1·265	7th	·604
March ...	·506	·564	·449	·115	·761	1st	1·279	19th	·482
April ...	·446	·516	·376	·140	·660	4th	1·224	8th	·436
May ...	·268	·326	·209	·117	·447	4th	1·103	26th	·344
June ...	·125	·178	·073	·105	·347	5th	·869	25th	·478
July ...	·063	·106	·019	·087	·277	25th	·941	3rd & 30th	·336
August ...	·118	·161	·074	·087	·376	22nd	·943	16th	·433
September ...	·273	·324	·222	·102	·411	28th	1·069	7th	·342
October ...	·504	·561	·448	·113	·709	26th	1·255	1st	·454
November ...	·617	·664	·569	·095	·786	14th	1·330	5th	·456
December ...	·660	·712	·608	·104	·944	20th	1·274	28th	·670
Year ...	·409	·463	·355	·108	·997	...	·869	...	1·128

13. AJMERE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	28+	27+		28+		27+		
January ...	1·144	·495	1·104	·091	·644	18th	1 333	11th	·311
February ...	1·384	·440	1·331	·109	·588	15th	·965	3rd	·623
March ...	1·277	·331	1·233	·098	·480	1st	1·108	5th	·372
April ...	1·211	·271	1·164	·107	·395	2nd	1·050	9th	·345
May ...	1·111	·164	1·065	·099	·289	9th	·972	2nd	·317
June ...	1·003	·043	·956	·087	·190	5th	·769	25th	·421
July ...	·992	·033	·959	·074	·196	25th	·869	16th	·327
August ...	1·061	·109	1·017	·092	·241	22nd	·895	16th	·346
September ...	1·145	·203	1·097	·106	·345	20th	·954	2nd	·394
October ...	1·305	·356	1·257	·099	·501	26th	1·147	1st	·354
November ...	1·383	·436	1·329	·107	·509	20th	1·153	4th	·356
December ...	1 388	·441	1·339	·102	·575	11th	1·113	28th	·462
Year ...	1·225	·277	1·179	·098	·644	...	·769	...	·875

14. CHAKRATA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		22+		
January ...	·305	·336	·292	·044	·428	19th	1·146	12th	·282
February ...	·212	·238	·204	·034	·403	25th	·940	7th	·463
March ...	·246	·280	·236	·044	·369	13th	1·154	29th	·215
April ...	·260	·293	·248	·045	·359	14th	1·156	8th	·203
May ...	·221	·250	·210	·040	·334	17th	1·110	26th	·224
June ...	·171	·199	·148	·051	·328	15th	1·036	26th	·292
July ...	·117	·135	·108	·027	·260	25th	1·034	18th	·226
August ...	·163	·185	·145	·040	·317	30th	1·043	8th	·274
September ...	·259	·288	·239	·049	·365	22nd	1·109	11th	·256
October ...	·331	·370	·312	·058	·456	31st	1·252	5th	·204
November ...	·347	·385	·329	·056	·474	13th	1·230	29th	·244
December ...	·286	·321	·266	·055	·422	24th	1·078	31st	·344
Year ...	·243	·273	·228	·045	·474	...	·940	...	·534

15. MUSSOORIE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	+24		24+		24+		
January ..	No observations.								
February ...	Ditto.								
March ...	Ditto.								
April ...	Ditto.								
May ...	Ditto.								
June ...	Ditto.								
July ..	Ditto.								
August ...	Ditto.								
September ...	Ditto.								
October ..	Ditto.								
November ...	Observatory opened 15th November 1877.								
December ...	·323	·360	·287	·073	·469	6th	·117	31st	·352
Year ...	...	...	...	...	...	...	...	...	...

16. DEHRA.

Month.	Mean.	9-30 hours.	3-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January ...	·806	·861	·775	·086	·973	17th & 18th	·629	11th	·344
February ...	·734	·775	·704	·071	·890	15th	·431	7th	·459
March ...	·660	·709	·630	·079	·820	1st	·525	29th	·295
April ...	·623	·673	·590	·083	·784	1st & 2nd	·452	26th	·332
May ...	·502	·554	·468	·086	·671	14th	·326	26th	·345
June ...	·398	·447	·364	·083	·610	4th	·202	25th	·408
July ..	·351	·386	·328	·058	·540	25th	·249	12th	·291
August ...	·399	·441	·367	·074	·649	31st	·213	8th	·436
September ...	·519	·571	·480	·091	·677	30th	·329	11th	·348
October ..	·692	·747	·655	·092	·868	28th	·528	1st	·340
November ...	·746	·806	·703	·103	·905	13th	·494	4th	·411
December ...	·754	·810	·718	·092	·912	11th	·570	31st	·342
Year ...	·599	·648	·565	·083	·973	...	·202	...	·771

17. ROORKEE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·186	1·246	1·152	·094	1·371	18th	·970	11th	·401
February ...	1·118	1·165	1·083	·082	1·280	15th	·803	7th	·477
March ...	1·000	1·061	·962	·099	1·195	1st	·845	29th	·350
April ...	·937	1·002	·895	·107	1·158	1st	·747	26th	·411
May ...	·787	·852	·745	·107	·995	9th	·538	26th	·457
June ...	·667	·733	·618	·115	·909	5th	·310	25th	·599
July ...	·622	·677	·586	·091	·835	25th	·486	18th	·349
August ...	·674	·737	·626	·111	·950	31st	·453	8th	·497
September ...	·807	·878	·757	·121	·977	20th	·596	10th	·381
October ...	1·014	1·080	·969	·111	1·207	28th	·797	1st	·410
November ...	1·084	1·151	1·036	·115	1·247	13th	·908	3rd & 5th	·339
December ...	1·124	1·186	1·083	·103	1·324	11th	·860	28th	·464
Year ...	·918	·981	·876	·105	1·371	...	·310	...	1·061

18. RANIKHET.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		24+		23+		
January ...	1·167	1·211	1·150	·061	·308	19th	1·026	12th	·282
February ...	1·080	1·122	1·061	·061	·247	20th	·840	7th	·407
March ...	1·096	1·132	1·077	·055	·220	13th	·986	29th	·234
April ...	1·090	1·131	1·073	·058	·221	19th	·990	7th	·231
May ...	1·035	1·076	1·022	·054	·160	9th	·916	26th	·244
June ...	·973	1·011	·959	·052	·134	5th	·829	26th	·305
July ...	·926	·947	·913	·034	·080	25th	·836	18th	·241
August ...	·963	1·000	·951	·049	·135	31st	·841	16th	·294
September ...	1·058	1·102	1·043	·059	·186	30th	·905	11th	·281
October ...	1·153	1·200	1·137	·063	·289	31st	1·082	11th	·207
November ...	1·186	1·235	1·163	·072	·310	13th	1·070	4th	·240
December ...	1·153	1·196	1·135	·061	·278	24th	·939	31st	·339
Year ...	1·073	1·114	1·057	·057	·310	...	·829	...	·481

19. MEERUT.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·344	1·394	1·307	·087	1·527	18th	1·127	11th	·400
February ...	1·278	1·324	1·242	·082	1·439	15th	·958	7th	·481
March ...	1·146	1·200	1·111	·089	1·339	1st	·975	30th	·364
April ...	1·081	1·140	1·037	·103	1·299	2nd	·889	26th	·410
May ...	·936	·995	·898	·097	1·134	9th	·703	26th	·431
June ...	·807	·875	·763	·112	1·049	5th	·556	25th	·493
July ...	·776	·823	·738	·085	·975	25th	·633	18th	·342
August ...	·817	·879	·770	·109	1·069	31st	·606	16th	·463
September ...	·957	1·022	·915	·107	1·134	20th	·751	10th	·383
October ...	1·169	1·224	1·127	·097	1·364	26th	·964	1st	·400
November ...	1·240	1·300	1·194	·106	1·380	13th	1·004	5th	·376
December ...	1·284	1·342	1·240	·102	1·491	11th	1·032	28th	·459
Year ...	1·070	1·127	1·029	·098	1·527	...	·556	...	·971

20. BAREILLY.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28+		
January ...	1·519	1·576	1·479	·097	·689	18th	1·325	30th	·364
February ...	1·444	1·495	1·403	·092	·631	15th	1·168	7th	·463
March ...	1·318	1·373	1·269	·104	·489	1st	1·169	29th	·320
April ...	1·244	1·307	1·192	·115	·483	2nd	1·044	26th	·139
May ...	1·100	1·160	1·047	·113	·294	9th	·851	26th	·443
June ...	·989	1·040	·932	·108	·248	5th	·719	25th	·529
July ...	·949	·987	·905	·082	·078	15th	·795	18th	·283
August ...	·996	1·049	·937	·112	·245	31st	·751	16th	·494
September ...	1·126	1·186	1·062	·124	·291	20th	·911	9th	·380
October ...	1·340	1·402	1·287	·115	·588	26th	1·108	1st	·480
November ...	1·406	1·471	1·356	·115	·565	13th	1·231	4th & 5th	·334
December ...	1·460	1·518	1·412	·106	·623	11th	1·252	28th	·371
Year ...	1·241	1·297	1·190	·107	·689	...	·719	...	·970

21. AGRA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	28+	29+	28+		29+		28+		
January ...	1·536	·597	1·491	·106	·729	18th	1·291	11th	·438
February ...	1·467	·524	1·420	·104	·662	15th	1·113	3rd	·549
March ...	1·330	·386	1·280	·106	·527	1st	1·160	30th	·367
April ...	1·247	·315	1·191	·124	·487	2nd	1·062	26th	·425
May ...	1·131	·189	1·080	·109	·308	9th	·924	26th	·384
June ...	1·000	·051	·943	·108	·224	3rd	·754	25th	·470
July ...	·078	·018	·030	·088	·157	25th	·850	18th	·307
August ...	1·010	·059	·954	·105	·220	31st	·812	16th	·408
September ...	1·151	·204	1·094	·110	·311	20th	·961	9th	·350
October ...	1·348	·405	1·299	·106	·560	26th	1·134	1st	·426
November ...	1·433	·496	1·384	·112	·571	22nd	1·236	5th	·335
December ...	1·482	·541	1·433	·108	·666	11th	1·241	28th	·425
Year ...	1·259	·315	1·208	·107	·729	...	·754	...	·975

22. LUCKNOW.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January ...	·740	·800	·695	·105	·940	16th	1·542	30th	·398
February ...	·675	·729	·630	·099	·848	19th	1·483	7th	·365
March ...	·528	·586	·475	·111	·723	3rd	1·377	20th	·346
April ...	·452	·517	·398	·119	·702	2nd	1·256	26th	·446
May ...	·309	·372	·253	·119	·490	8th	1·074	26th	·416
June ...	·190	·242	·132	·110	·445	5th	·918	25th	·527
July ...	·172	·214	·122	·092	·356	25th	1·035	28th	·321
August ...	·202	·251	·147	·104	·424	22nd	·969	8th	·455
September ...	·334	·392	·272	·120	·488	20th	1·127	10th	·361
October ...	·553	·614	·501	·113	·801	29th	1·326	1st	·475
November ...	·625	·688	·576	·112	·766	10th & 13th	1·440	4th	·326
December ...	·685	·748	·633	·115	·850	11th	1·471	31st	·379
Year ...	·455	·513	·403	·110	·940	...	·918	...	1·022

23. GORAKHPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·855	·918	·810	·108	1·044	16th	·686	30th	·358
February ...	·778	·839	·729	·110	·970	19th	·561	5th	·409
March ..	·625	·689	·570	·119	·834	3rd	·452	29th	·382
April ...	·545	·625	·479	·146	·815	2nd	·320	23rd	·495
May ...	·407	·481	·340	·141	·624	9th	·186	26th	·438
June ...	·298	·354	·234	·120	·529	5th	·102	21st	·427
July ...	·278	·325	·223	·102	·460	25th	·105	18th	·355
August ...	·312	·362	·257	·105	·564	22nd	·083	16th	·481
September ...	·438	·497	·374	·123	·588	20th	·220	10th	·368
October ...	·659	·726	·603	·123	·861	31st	·433	1st	·428
November ...	·727	·799	·670	·129	·887	13th	·528	4th	·359
December ...	·778	·846	·722	·124	·929	13th	·571	31st	·358
Year ...	·558	·622	·501	·121	1·044	...	·083	...	·961

24. JHANSI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·214	1·268	1·175	·093	1·411	18th	·984	11th	·427
February ...	1·175	1·231	1·129	·102	1·355	15th	·823	7th	·532
March ..	1·028	1·092	·972	·120	1·230	3rd	·882	20th	·348
April ...	·947	1·021	·887	·134	1·203	2nd	·770	26th	·433
May ...	·840	·913	·775	·138	1·049	1st	·684	25th	·365
June ...	·710	·764	·648	·116	·902	5th	·519	26th	·383
July ...	·703	·750	·648	·102	·871	25th	·575	15th	·296
August ...	Not recorded.				Instrument injured.				
September ...	Ditto.				Ditto.				
October ...	1·050	1·103	1·004	·099	1·250	27th	·864	1st	·386
November ...	1·135	1·191	1·091	·100	1·259	19th	·968	4th	·291
December ...	1·162	1·214	1·119	·095	1·329	14th	·935	28th	·394
Year ...	...	...	...	...	1·411	...	·519	...	·892

25. NOWGONG. (*Bundelkhand*).

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	No observations.								
February ...	Ditto.								
March ...	Ditto.								
April ...	Ditto.								
May ...	Observatory opened June 1877.								
June ...	*·795	·849	·741	·108	·971	4th & 5th	·556	25th	·415
July ...	·814	·862	·766	·096	·997	25th	·669	13th	·328
August ...	·836	·891	·782	·109	1·034	22nd	·686	16th	·348
September ...	·976	1·032	·919	·113	1·158	20th	·789	1st	·369
October ...	1·154	1·215	1·094	·121	1·369	27th	·951	1st	·418
November ...	1·240	1·300	1·180	·120	1·377	10th	1·043	4th	·334
December ...	1·278	1·338	1·217	·121	1·470	11th	1·022	28th	·448
Year ...	...	...	...	...	...	...	...	...	...

26. SUTNA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·022	1·081	·964	·117	1·207	18th	·806	11th	·401
February ...	·975	1·034	·915	·119	1·173	15th	·711	3rd	·462
March ...	·846	·908	·784	·124	1·036	3rd	·680	20th	·356
April ...	·771	·842	·701	·141	·992	2nd	·610	23rd	·382
May ...	·654	·715	·593	·122	·810	8th	·477	26th	·333
June ...	·517	·570	·463	·107	·707	5th	·275	25th	·432
July ...	·523	·568	·479	·089	·685	25th	·378	13th	·307
August ...	·541	·588	·494	·094	·734	22nd	·394	31st	·340
September ...	·688	·743	·632	·111	·849	20th	·507	9th	·342
October ...	·857	·914	·801	·113	1·061	26th	·669	2nd	·392
November ...	·943	1·002	·883	·119	1·082	10th	·764	3rd	·318
December ...	·973	1·034	·912	·122	1·144	11th	·717	31st	·427
Year ...	·776	·833	·718	·115	1·207	...	·275	...	·932

* The means for June are for the 27 days, from June 4th to the end of the month.

27. ALLAHABAD.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		28+		
January ...	·795	·767	·860	·749	·803	·111	·978	18th, 10 h.	1·603	31st, 4 h.	·375
February	·737	·706	·801	·693	·746	·108	·927	15th „	1·500	4th „	·427
March ...	·583	·556	·653	·532	·599	·121	·793	3rd „	1·409	21st, 16 h.	·384
April ...	·506	·500	·576	·438	·512	·138	·755	2nd „	1·301	26th „	·454
May ...	·370	·365	·430	·307	·376	·123	·544	8th „	1·160	26th „	·384
June ...	·236	·237	·286	·180	·242	·106	·492	5th „	·968	25th „	·524
July ...	·236	·223	·283	·186	·252	·097	·398	25th „	1·106	13th & 18th, 16 h.	·292
August ...	·257	·247	·310	·200	·281	·110	·483	22nd „	1·063	16th 16 h.	·420
September	·400	·387	·458	·343	·412	·115	·547	20th „	1·210	10th „	·337
October ...	·602	·582	·663	·549	·611	·114	·807	26th „	1·374	1st „	·433
November	·678	·658	·746	·628	·680	·118	·820	13th „	1·488	4th „	·332
December	·733	·715	·803	·679	·785	·124	·921	11th „	1·491	31st „	·430
Year ...	·511	·495	·572	·457	·521	·115	·978	...	·968	...	1·010

28. BENARES.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·828	·886	·786	·100	·996	18th	·656	31st	·340
February	·775	·828	·732	·096	·947	15th	·576	5th	·371
March ...	·624	·679	·575	·104	·823	3rd	·456	21st	·367
April ...	·525	·592	·471	·121	·781	2nd	·311	26th	·470
May ...	·391	·450	·338	·112	·561	9th	·193	26th	·368
June ...	·264	·309	·212	·097	·463	4th	·050	25th	·413
July ...	·260	·299	·216	·083	·417	26th	·116	18th	·301
August ...	·278	·321	·229	·092	·484	22nd	·101	16th	·383
September	·418	·466	·365	·101	·558	30th	·233	9th	·325
October ...	·622	·677	·575	·102	·808	28th	·404	1st	·404
November	·694	·752	·648	·104	·824	13th	·515	4th	·309
December	·761	·820	·712	·108	·909	14th	·534	31st	·375
Year ...	·537	·590	·488	·102	·996	...	·050	...	·946

29. SIBSAGAR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·813	·878	·734	·144	1·012	16th	·631	29th	·381
February ...	·727	·790	·652	·138	·886	14th	·518	1st	·368
March ...	·614	·675	·539	·136	·815	3rd	·387	28th	·428
April ...	·580	·645	·507	·138	·832	3rd	·347	22nd	·485
May ...	·457	·517	·395	·122	·649	17th	·279	26th	·370
June ...	·332	·391	·266	·125	·537	6th	·075	21st	·462
July ...	·285	·341	·222	·119	·450	25th	·063	4th	·387
August ...	·305	·367	·236	·131	·579	31st	·045	7th	·534
September ...	·477	·540	·411	·129	·633	25th	·321	10th	·312
October ...	·633	·696	·562	·134	·792	28th	·499	19th & 21st	·293
November ...	·698	·760	·620	·140	·846	9th	·429	4th	·417
December ...	·730	·798	·649	·149	·899	10th	·376	31st	·523
Year ...	·554	·617	·483	·134	1·012	...	·045	...	·967

30. GOALPARA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January ...	·726	·786	·651	·135	·905	16th	1·542	30th	·363
February ...	·645	·700	·570	·139	·817	20th	1·415	5th	·402
March ...	·517	·580	·440	·140	·728	3rd	1·272	28th	·456
April ...	·474	·543	·397	·146	·735	4th	1·228	22nd	·507
May ...	·365	·427	·302	·125	·540	9th	1·163	21st	·377
June ...	·246	·298	·188	·110	·470	5th	·995	26th	·475
July ...	·200	·249	·146	·103	·375	25th	1·023	4th	·352
August ...	·222	·277	·164	·113	·509	31st	·981	16th	·528
September ...	·388	·448	·325	·123	·544	19th	1·162	11th	·382
October ...	·553	·615	·483	·132	·715	28th	1·402	21st	·313
November ...	·610	·672	·532	·140	·753	9th	1·344	4th	·409
December ...	·645	·714	·563	·151	·813	10th	1·334	31st	·479
Year ...	·466	·527	·397	·130	·905	...	·981	...	·924

31. DARJEELING.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		23+		
January ...	·503	·546	·470	·076	·651	16th	·362	31st	0·289
February ...	·407	·444	·374	·070	·569	20th	·206	5th	·363
March ...	·404	·444	·371	·073	·568	3rd	·255	28th	·313
April ...	·402	·445	·366	·079	·524	4th	·279	22nd	·245
May ...	·361	·400	·332	·068	·481	31st	·213	21st	·268
June ...	·325	·359	·298	·061	·467	4th	·169	26th	·298
July ...	·291	·321	·265	·056	·422	25th	·189	29th	·233
August ...	·332	·366	·300	·066	·524	31st	·155	16th	·369
September ...	·414	455	·378	·077	·530	19th	·241	11th	·289
October ...	·506	·548	·468	·080	·632	28th & 31st	·393	21st	·239
November ...	·501	·544	·464	·080	·615	10th	·347	4th & 29th	·268
December ...	·459	·501	·418	·083	·570	9th	·181	31st	·389
Year ...	·409	·448	·375	·073	·651	...	·155	...	·496

32. PURNEAH.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·979	1·045	·927	·118	1·198	16th	·767	31st	·431
February ...	·913	·982	·861	·121	1·094	15th	·693	5th	·401
March ...	·763	·828	·706	·122	·930	1st	·585	29th	·345
April ...	·713	·783	·645	·138	·978	4th	·468	22nd	·510
May ...	·590	·655	·517	·138	·783	9th	·394	24th	·389
June ...	·490	·543	·419	·124	·744	7th	·233	26th	·511
July ...	·459	·498	·407	·091	·760	27th	·300	3rd	·460
August ...	·467	·512	·411	·101	·726	31st	·253	16th	·473
September ...	·626	·677	·563	·114	·775	24th	·384	11th	·391
October ...	·809	·871	·750	·121	·984	31st	·633	1st	·351
November ...	·867	·940	·807	·133	1·026	13th	·639	4th	·387
December ...	·912	·988	·851	·137	1·069	9th	·622	31st	·447
Year ...	·716	·777	·655	·122	1·198	...	·233	...	·965

33. DURBHANGA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·946	·987	·906	·081	1·126	16th	·783	31st	·343
February ..	·882	·923	·840	·083	1·036	19th	·674	4th	·362
March ...	·735	·777	·694	·083	·927	3rd	·562	28th	·365
April ...	·664	·715	·613	·102	·888	2nd	·449	23rd	·439
May ...	·533	·584	·482	·102	·718	9th	·350	23rd	·368
June ...	·409	·454	·364	·090	·628	5th	·198	26th	·430
July ...	·384	·419	·350	·069	·564	25th	·256	4th	·308
August ...	·404	·447	·361	·086	·631	24th & 31st	·216	16th	·415
September ...	·560	·602	·517	·085	·694	20th	·372	10th	·322
October ...	·752	·801	·703	·098	·982	31st	·577	1st	·355
November ...	·832	·879	·785	·094	·970	13th	·664	3rd	·306
December ...	·881	·945	·817	·128	1·044	14th	·595	31st	·449
Year ...	·665	·711	·619	·092	1·126	...	·198	...	·928

34. PATNA.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·044	1·008	·891	·117	1·146	16th	·743	31st	·403
·882	·946	·830	·116	1·052	15th	·667	5th	·385
·718	·782	·661	·121	·940	3rd	·543	21st	·397
·610	·710	·571	·139	·902	2nd	·415	22nd & 23rd	·487
·511	·573	·448	·125	·705	9th	·308	23rd	·397
·381	·439	·321	·118	·603	5th	·162	26th	·441
·371	·416	·318	·098	·552	25th	·231	18th	·321
·403	·456	·350	·106	·633	23rd	·185	16th	·448
·541	·597	·482	·115	·696	30th	·344	10th	·352
·746	·810	·690	·120	·936	28th	·517	1st	·419
·813	·881	·758	·123	·951	9th	·607	4th	·344
·878	·950	·820	·130	1·049	14th	·605	31st	·444
·652	·714	·595	·119	1·146	...	·162	...	·984

35. GYA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		28+
January ...	·735	·792	·690	·102	·903	16th	1·548	31st	·855
February ...	·669	·739	·628	·111	·870	15th	1·454	4th	·416
March ...	·541	·605	·488	·117	·796	1st	1·353	18th	·443
April ...	·456	·524	·396	·128	·704	2nd	1·266	23rd	·438
May ...	·343	·393	·280	·113	·535	3rd & 9th	1·114	26th	·421
June ...	·190	·242	·138	·104	·382	4th	·995	26th	·387
July ...	·189	·225	·134	·091	·348	25th	1·044	13th	·304
August ...	·211	·251	·158	·093	·414	24th	1·030	16th	·384
September ...	·349	·402	·293	·109	·504	30th	1·127	9th	·377
October ...	·548	·607	·493	·114	·732	27th	1·288	1st	·444
November ...	·618	·682	·559	·123	·763	10th	1·426	4th	·337
December ...	·673	·736	·617	·119	·853	14th	1·445	31st	·408
Year ...	·460	·517	·406	·111	·903	...	·995	...	·908

36. HAZARIBAGH.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
27+	27+	27+		27+		27+		
1·042	1·094	·999	·095	1·209	16th	·876	31st	·333
·985	1·034	·942	·092	1·137	15th	·757	4th	·380
·890	·941	·845	·096	1·060	3rd	·741	21st	·319
·840	·893	·787	·106	1·040	2nd	·687	22nd	·353
·737	·779	·688	·091	·881	4th	·565	26th	·316
·610	·646	·562	·084	·787	5th	·389	26th	·398
·606	·634	·564	·070	·752	25th	·443	13th	·309
·604	·642	·562	·080	·796	25th	·463	10th	·333
·755	·797	·708	·089	·905	30th	·543	10th	·362
·924	·970	·875	·095	1·077	28th	·756	1st	·321
·976	1·028	·931	·097	1·104	10th	·799	4th	·305
·989	1·047	·948	·099	1·113	14th	·761	31st	·352
·880	·875	·784	·091	1·209	...	·389	...	·820

37. BERHAMPORE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·985	1·035	·951	·084	1·104	28th	·862	31st	·242
February ...	·950	1·006	·910	·096	1·044	14th	·771	5th	·273
March ...	·841	·922	·779	·143	1·047	3rd	·660	22nd	·387
April ...	·775	·842	·710	·132	1·031	4th	·543	22nd	·488
May ...	·647	·704	·581	·123	·845	9th	·445	26th	·400
June ...	·532	·579	·470	·109	·742	5th	·251	26th	·491
July ...	·516	·558	·463	·095	·705	15th	·295	4th	·410
August ...	·531	·572	·479	·093	·780	24th	·314	15th	·466
September ...	·689	·746	·628	·118	·851	20th	·393	11th	·458
October ...	·867	·934	·810	·124	1·036	28th & 31st	·703	1st	·333
November ...	·923	·997	·865	·132	1·088	24th	·696	4th	·392
December ...	·974	1·055	·914	·141	1·119	10th	·690	31st	·429
Year ...	·769	·829	·713	·116	1·119	...	251	...	·868

38. BURDWAN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	1·008	1·086	·953	·133	1·207	16th	·818	30th	·389
February ...	·953	1·030	·897	·133	1·174	21st	·743	5th	·431
March ...	·792	·860	·740	·120	1·012	3rd	·600	21st	·412
April ...	·736	·800	·673	·127	·986	1st	·527	22nd	·459
May ...	·621	·678	·555	·123	·817	17th	·402	26th	·415
June ...	·493	·541	·433	·108	·708	5th	·184	26th	·524
July ...	·479	·519	·428	·091	·676	15th	·254	12th	·422
August ...	·492	·534	·438	·096	·738	24th	·297	7th	·441
September ...	·660	·714	·603	·111	·841	30th	·417	11th	·424
October ...	·832	·896	·778	·118	·992	27th	·662	1st	·330
November ...	·895	·961	·841	·120	1·039	9th	·688	3rd	·351
December ...	·940	1·021	·880	·141	1·093	9th	·674	31st	·419
Year ...	·742	·803	·685	·118	1·207	...	·184	...	1·023

39. JESSORE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	1·071	1·142	1·022	·120	1·241	16th	·917	30th	·324
February ...	1·020	1·085	·974	·111	1·209	15th	·823	5th	·386
March ...	·874	·949	·817	·132	1·071	3rd	·694	21st	·377
April ...	·818	·883	·755	·128	1·080	2nd	·585	22nd	·495
May ...	·708	·757	·652	·105	·897	17th	·515	25th	·382
June ...	·583	·629	·524	·105	·800	7th	·288	26th	·512
July ...	·562	·602	·511	·091	·760	15th	·345	12th	·415
August ...	·562	·604	·508	·096	·834	24th	·275	9th	·559
September ...	·748	·799	·692	·107	·913	30th	·512	10th	·401
October ...	·901	·965	·846	·119	1·055	24th	·764	1st	·291
November ...	·961	1·020	·915	·105	1·086	9th	·734	4th	·352
December ...	1·001	1·065	·954	·111	1·134	13th	·720	31st	·414
Year ...	·817	·875	·764	·111	1·241	...	·275	...	·966

40. DACCA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	1·071	1·130	1·018	·112	1·243	16th	·901	30th, 16h.	·342
February ...	1·014	1·069	·968	·101	1·187	15th	·793	4th, „	·394
March ...	·885	·950	·825	·125	1·066	3rd	·672	21st, „	·394
April ...	·827	·886	·772	·114	1·075	2nd	·615	23rd, „	·460
May ...	·716	·965	·665	·100	·694	17th	·526	21st, „	·368
June ...	·597	·640	·542	·098	·794	5th	·305	26th, „	·489
July ...	·563	·599	·512	·087	·756	15th	·312	5th, 10h.	·444
August ...	·569	·615	·505	·110	·835	31st	·287	9th, 16h.	·548
September ...	·753	·802	·695	·107	·911	30th	·513	10th, „	·398
October ...	·897	·956	·838	·118	1·040	28th	·781	1st & 2nd, 16h.	·259
November ...	·952	1·015	·890	·125	1·112	9th	·709	4th, 16h.	·403
December ...	·993	1·060	·931	·129	1·130	12th	·737	31st, „	·393
Year ...	·820	·874	·763	·111	1·243	...	·287	...	·956

41. SILCHAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·033	·095	·971	·124	·188	13th	·870	29th	·318
February ...	·963	·028	·901	·127	·147	20th	·778	5th	·369
March ...	·852	·923	·789	·134	·028	3rd	·707	28th	·321
April ...	·808	·879	·736	·143	·064	2nd	·580	22nd	·484
May ...	·702	·761	·640	·121	·870	17th	·500	25th	·370
June ...	·581	·633	·516	·117	·788	15th	·291	24th	·497
July ...	·559	·604	·494	·110	·759	28th	·297	4th	·462
August ...	·561	·615	·493	·122	·870	23rd	·264	7th	·606
September ...	·747	·804	·681	·123	·929	30th	·559	4th	·370
October ...	·879	·941	·806	·135	1·056	27th	·707	4th	·349
November ...	·915	·982	·849	·133	1·056	9th	·664	4th	·392
December ...	·946	1·012	·880	·132	1·080	10th	·725	31st	·355
Year ...	·796	·856	·730	·126	1·188	...	·264	...	·924

42. CHITTAGONG.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	1·014	1·073	·956	·117	1·154	16th	·875	29th & 30th	·279
February ...	·955	1·011	·906	·105	1·117	15th	·770	5th	·341
March ...	·861	·917	·815	·102	·996	3rd	·738	21st	·258
April ...	·805	·864	·756	·108	1·039	2nd	·613	26th	·426
May ...	·696	·745	·646	·099	·875	15th	·506	26th	·369
June ...	·579	·620	·525	·095	·789	7th	·333	21st	·456
July ...	·566	·596	·524	·072	·740	15th	·313	4th	·427
August ...	·548	·586	·499	·087	·812	24th	·270	8th	·542
September ...	·741	·790	·685	·105	·927	30th	·570	4th	·357
October ...	·852	·907	·795	·112	1·006	28th	·731	3rd	·275
November ...	·900	·956	·845	·111	1·006	23rd	·672	4th	·334
December ...	·935	·992	·879	·113	1·044	9th	·735	31st	·309
Year ...	·788	·838	·736	·102	1·154	...	·270	...	·884

43. CALCUTTA (*Surveyor General's Office*).

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January	1·096	1·070	1·170	1·043	1·109	·127	1·301	16th, 10 h.	·908	31st, 16 h.	·393
February	1·032	·997	1·101	·985	1·045	·116	1·223	15th, „	·814	4th, „	·409
March ...	·900	·872	·964	·843	·922	·121	1·077	3rd, „	·734	22nd, „	·343
April ...	·830	...	·893	·769	...	·124	1·108	2nd, „	·602	23rd, „	·506
May ...	·716	...	·766	·660	...	·106	·897	17th, „	·501	26th, „	·396
June ...	·583	...	·624	·531	...	·093	·793	5th, „	·284	25th, „	·509
July ...	·578	...	·612	·533	...	·079	·761	15th, „	·304	12th, „	·457
August ...	·571	...	·608	·523	...	·085	·830	24th, „	·384	9th, „	·446
September	·753	...	·802	·700	...	·102	·937	30th, „	·523	10th, „	·414
October	·912	...	·971	·861	...	·110	1·074	27th, „	·763	1st, „	·311
November	·974	...	1·040	·922	...	·118	1.114	9th, „	·752	4th, „	·362
December	1·021	...	1·091	·967	...	·127	1·169	9th, „	·751	31st, „	·418
Year ...	·831	...	·887	·778	...	·109	1·301	...	·284	...	1·017

44. ALIPORE.

MONTH.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January	No observations.										
February	Ditto.										
March	Observatory opened April 1877.										
April ...	·835	·848	·901	·769	·846	·132	1·097	1st & 2nd, 10 h.	·638	26th, 16 h.	·459
May ...	·724	·720	·769	·658	·735	·111	·887	17th, „	·498	26th, „	·399
June ...	·598	·601	·626	·527	·616	·099	·788	5th, „	·276	25th, „	·512
July ...	·588	·579	·616	·531	·603	·085	·766	15th, „	·301	12th, „	·465
August ...	·588	·576	·617	·526	·609	·091	·835	24th, „	·384	9th & 15th, 16 h.	·451
September	·765	·760	·807	·698	·787	·109	·944	30th, „	·528	10th, „	·416
October	·921	·927	·976	·860	·938	·116	1·079	28th, „	·759	1st, „	·320
November	·980	·991	1·041	·920	·993	·121	1·120	9th, „	·750	4th, „	·370
December	1·022	1·030	1·099	·964	1·037	·135	1·174	9th, „	·737	31st, „	·437
Year ...	...	...	...	...	...	...	1·174	...	·276	...	·898

45. Saugor Island.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January ...	1·094	1·067	1·156	1·047	1·107	·109	1·285	16th, 10 h.	·936	30th, 16 h.	·349
February...	1·030	·999	1·087	·984	1·049	·103	1·206	18th, „	·826	5th & 7th, 16 h.	·380
March ...	·913	·880	·972	·865	·936	·107	1·091	3rd, „	·755	22nd, 4 h.	·336
April ...	·843	·811	·901	·799	·861	·102	1·091	2nd, „	·653	26th, 16 h.	·438
May ...	·727	·703	·777	·679	·747	·098	·892	17th, „	·507	26th, „	·385
June ...	·594	·576	·631	·546	·623	·085	·803	5th, „	·315	26th, „	·488
July ...	·591	·567	·625	·552	·619	·073	·786	15th, „	·290	12th, „	·496
August ...	·578	·553	·615	·533	·612	·082	·828	24th, „	·355	14th, „	·473
September	·761	·736	·808	·712	·788	·096	·957	30th, „	·507	7th, „	·450
October ...	·916	·893	·969	·862	·938	·107	1·078	27th & 28th, 10 h.	·774	2nd, „	·304
November	·979	·956	1·038	·925	·998	·113	1·108	12th, 10 h.	·745	3rd, „	·363
December	1·022	·999	1·091	·967	1·031	·124	1·172	9th, „	·769	31st, „	·403
Year ...	·837	·812	·889	·789	·859	·100	1·285	...	·290	...	·995

46. Cuttack.

Mean.	10 hours.	16 hours.	Range.	Highest reading	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
1·025	1·091	·962	·129	1·218	16th	·819	30th	·399
·961	1·018	·901	·117	1·150	19th	·708	7th	·442
·845	·908	·773	·135	1·033	13th	·667	21st	·366
·777	·841	·702	·139	1·012	2nd	·565	22nd	·447
·662	·712	·591	·121	·829	9th	·123	26th	·406
·529	·572	·468	·104	·704	15th	·300	27th	·404
·546	·582	·492	·090	·700	15th & 25th	·355	12th	·345
·531	·569	·482	·087	·726	25th	·312	11th	·414
·695	·742	·637	·105	·887	30th	·420	7th	·467
·847	·905	·789	·116	1·030	27th	·671	2nd	·359
·921	·981	·860	·121	1·056	13th	·706	3rd	·350
·954	1·019	·891	·128	1·108	9th	·673	31st	·435
·774	·828	·712	·116	1·218	...	·300	...	·918

47. False Point.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January ...	1·101	1·085	1·156	1·048	1·113	·108	1·260	16th, 10 h.	·933	30th, 16 h.	·327
February...	1·041	1·017	1·091	·997	1·060	·094	1·213	20th, „	·814	7th, „	399
March ...	·931	·906	·988	·881	·950	·107	1·087	1st, „	·794	21st, „	·293
April ...	·863	·848	·917	·805	·881	·112	1·104	2nd, „	·665	26th, „	·439
May ...	·750	·734	·795	·701	·771	·094	·922	16th, 22 h.	·523	26th, „	·399
June ...	·622	·611	·655	·571	·651	·084	·794	15th, 10 h.	·387	27th, „	·407
July ...	·625	·607	·657	·577	·657	·080	·796	15th, „	·430	12th, „	·366
August ...	·615	·600	·649	·563	·648	·086	·828	24th, „	·408	11th, „	·420
September	·781	·764	·819	·731	·811	·088	·963	30th, „	·533	7th, 4 h.	·430
October ...	·917	·906	·962	·861	·939	·101	1·039	13th, „	·785	2nd, 16 h.	·254
November	1·013	...	1·070	·956	...	·114	1·117	13th, „	·904	27th, „	·213
December	1·033	...	1·092	·974	...	·118	1·187	9th, „	·761	31st, „	·426
Year ...	858	...	·904	·805	...	·099	1·260	...	·387	...	·873

48. Sambalpur.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		28+		
Doubtful.								
Rejected.								
Ditto.								
Ditto.								
Not recorded.								
Rejected.								
·141	·191	·090	·101	·321	25th	·849	13th	·472
·137	·184	·090	·094	·355	26th	·956	12th	·399
·289	·354	·224	·130	·515	30th	1·037	7th	·478
·446	·507	·384	·123	·656	28th	1·258	2nd	·398
·523	·586	·460	·126	·680	14th & 19th	1·356	2nd	·324
·544	·612	·475	·137	·691	24th	1·280	31st	·411
...	...	...	...	...	...	...	...	...

49. RAIPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·105	1·153	1·056	·097	1·253	18th	·895	31st	·358
February ...	1·054	1·100	1·007	·093	1·240	20th	·803	4th & 7th	·437
March ...	·949	·996	·902	·094	1·143	1st	·739	30th	·404
April ...	·877	·944	·811	·133	1·074	4th	·683	22nd	·391
May ...	·754	·809	·699	·110	·930	1st	·433	20th	·497
June ...	·642	·696	·588	·108	·818	14th	·383	29th	·435
July ...	·647	·702	·593	·109	·851	21st	·415	13th	·436
August ...	·631	·677	·585	·092	·803	26th	·493	3rd	·310
September ...	·769	·820	·718	·102	·958	30th	·588	7th	·370
October ...	·939	·997	·881	·116	1·116	27th & 28th	·762	5th	·354
November ...	1·023	1·080	·966	·114	1·161	13th	·856	3rd	·305
December ...	1·027	1·084	·970	·114	1·142	16th	·744	31st	·398
Year ...	·868	·922	·815	·107	1·253	...	·383	...	·870

50. NAGPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·020	1·087	·953	·134	1·175	18th	·829	30th	·346
February ...	·958	1·027	·889	·138	1·150	15th	·717	3rd	·433
March ...	·863	·937	·789	·148	1·079	1st	·691	25th	·388
April ...	·802	·880	·723	·157	1·000	2nd	·638	26th	·362
May ...	·692	·755	·628	·127	·848	9th	·504	19th	·344
June ...	·605	·666	·544	·122	·768	14th	·399	25th	·369
July ...	·640	·686	·594	·092	·776	25th	·486	14th	·290
August ...	·648	·696	·600	·096	·803	22nd	·527	31st	·276
September ...	·752	·809	·695	·114	·922	30th	·569	6th	·353
October ...	·889	·952	·825	·127	1·078	27th	·743	1st	·335
November ...	·972	1·037	·906	·131	1·138	23rd	·799	4th	·339
December ...	·972	1·036	·908	·128	1·103	24th	·729	31st	·374
Year ...	·818	·881	·755	·126	1·175	...	·399	...	·776

51. SEONI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January ...	1·005	1·059	·951	·108	1·121	18th & 19th	·643	11th	·278
February ...	·954	1·009	·898	·111	1·125	15th	·710	7th	·415
March ...	·871	·932	·809	·123	1·052	1st	·636	27th	·416
April ...	·826	·886	·765	·121	·991	2nd	·690	26th	·301
May ...	·726	·780	·672	·108	·863	1st	·577	28th	·286
June ...	·624	·673	·574	·099	·783	15th	·420	25th	·363
July ...	·634	·675	·592	·083	·774	25th	·427	14th	·347
August ...	·637	·681	·592	·089	·796	22nd	·533	3rd	·263
September ...	·768	·813	·723	·090	·922	30th	·562	1st	·360
October ...	·897	·951	·843	·108	1·089	27th	·720	2nd	·369
November ...	·974	1·029	·919	·110	1·087	10th	·814	3rd	·273
December ...	·971	1·030	·911	·119	1·093	11th	·723	31st	·370
Year ...	·824	·877	·771	·106	1·125	...	·420	...	·705

52. JUBBULPORE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	·708	·761	·654	·107	·837	19th	·512	12th	·325
February ...	·655	·708	·601	·107	·846	15th	·383	3rd	·463
March ...	·544	·599	·489	·110	·732	3rd	·390	27th	·342
April ...	·482	·550	·414	·136	·661	1st	·322	26th	·339
May ...	·393	·450	·336	·114	·552	21st	·260	20th	·292
June ...	·273	·329	·217	·112	·426	14th	·070	24th	·356
July ...	·288	·332	·243	·089	·444	25th	·074	14th	·370
August ...	·307	·352	·261	·091	·465	22nd	·164	3rd	·301
September ...	·429	·482	·376	·106	·592	20th	·235	1st	·357
October ...	·575	·634	·515	·119	·774	26th	·409	2nd	·365
November ...	·653	·715	·590	·125	·789	10th	·476	4th	·313
December ...	·665	·724	·605	·119	·816	11th	·415	30th	·401
Year ...	·498	·553	·442	·111	·846	...	·070	...	·776

53. SAUGOR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January ...	Untrustworthy.								
February ...	Ditto.								
March ...	Ditto.								
April ...	1·013	1·077	·949	·128	1·231	13th	·857	26th	·374
May ...	·933	·979	·887	·092	1·083	9th	·841	23rd	·242
June ...	Untrustworthy.								
July ...	·800	·831	·768	·063	·906	6th	·623	15th	·283
August ...	·822	·861	·782	·079	·940	23rd	·721	6th	·219
September ...	·867	·906	·827	·079	·937	8th	·743	2nd	·194
October ...	·893	·933	·852	·081	1·072	31st	·741	9th	·331
November ...	1·110	1·141	1·079	·062	1·200	30th	·988	1st	·212
December ...	1·171	1·198	1·144	·054	1·232	29th	1·108	2nd	·124
Year ...	...	...	...	...	...	...	...	...	...

54. PACHMARHI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		26+		
January ...	·575	·618	·532	·086	·692	19th	·407	11th	·285
February ...	·531	·574	·487	·087	·685	15th	·300	3rd	·385
March ...	·481	·528	·433	·095	·628	1st	·351	27th	·277
April ...	·430	·481	·378	·103	·578	2nd	·303	29th	·275
May ...	·365	·411	·318	·093	·490	9th	·193	19th	·297
June ...	·272	·312	·231	·081	·420	15th	·081	21st	·339
July ...	·279	·313	·245	·068	·401	25th	·081	14th	·320
August ...	·284	·317	·250	·067	·440	22nd	·185	31st	·255
September ...	·401	·442	·359	·083	·542	20th	·191	1st	·351
October ...	·501	·547	·455	·092	·657	28th	·376	6th	·281
November ...	·561	·605	·516	·089	·679	10th	·425	3rd & 4th	·254
December ...	·547	·593	·501	·092	·675	24th	·347	31st	·328
Year ...	·436	·478	·392	·086	·692	...	·081	...	·611

55. HOSHANGABAD.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·062	1·125	·999	·126	1·227	7th	·839	11th	·388
February ...	·992	1·061	·922	·139	1·206	14th	·690	3rd	·516
March ...	·891	·957	·825	·132	1·080	1st & 3rd	·716	29th	·364
April ...	·805	·875	·735	·140	·997	2nd	·618	23rd	·379
May ...	·713	·782	·643	·139	·875	9th	·498	19th	·377
June ...	·609	·674	·544	·130	·795	3rd	·387	21st	·408
July ...	Untrustworthy.								
August ...	·656	·710	·601	·109	·836	22nd	·520	17th	·316
September ...	·760	·821	·698	·123	·968	20th	·532	1st	·436
October ...	·890	·957	·822	·135	1·103	27th	·680	2nd	·423
November ...	·980	1·048	·911	·137	1·132	10th	·809	3rd	·323
December ...	·987	1·054	·920	·134	1·159	20th	·766	30th	·393
Year ...	...	...	...	...	1·227	...	·387	...	·840

56. KHANDWA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	·988	1·047	·929	·118	1·150	4th	·759	11th	·361
February ...	·929	·996	·862	·134	1·136	15th	·655	3rd	·481
March ...	·840	·909	·770	·139	1·028	3rd	·630	11th	·398
April ...	·764	·836	·692	·144	·928	1st	·626	9th, 26th & 27th.	·302
May ...	·686	·748	·624	·124	·817	9th	·515	20th	·302
June ...	·609	·675	·543	·132	·781	2nd	·424	21st	·357
July ...	·634	·681	·586	·095	·780	25th	·505	2nd	·275
August ...	·654	·704	·604	·100	·829	22nd	·412	3rd	·417
September ...	·734	·789	·679	·110	·898	17th & 19th	·520	1st	·378
October ...	·849	·910	·788	·122	1·067	27th	·669	7th	·398
November ...	·924	·988	·860	·128	1·055	13th & 19th	·768	3rd	·287
December ...	·919	·987	·850	·137	1·090	13th	·634	29th	·456
Year ...	·794	·856	·732	·124	1·150	...	·412	...	·738

57. CHIKALDA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		26+		
January ...	·452	·496	·407	·089	·579	18th	·285	11th	·294
February ...	·414	·463	·364	·099	·572	15th	·190	3rd	·382
March ...	·379	·432	·326	·106	·552	2nd	·245	30th	·307
April ...	·299	·353	·245	·108	·475	2nd	·134	9th	·341
May ...	·246	·295	·197	·098	·354	22nd	·099	19th	·255
June ...	·171	·212	·130	·082	·343	16th	·010	21st	·333
July ...	·180	·214	·146	·068	·307	25th	·012	14th	·295
August ...	·190	·224	·155	·069	·322	22nd	·090	31st	·232
September ...	·296	·339	·252	·087	·438	30th	·085	1st	·353
October ...	·392	·444	·340	·104	·549	27th	·243	6th	·306
November ...	·457	·512	·401	·111	·583	10th	·307	3rd	·276
December ...	·437	·486	·387	·099	·563	24th	·234	31st	·329
Year ...	·326	·373	·279	·094	·583	...	·010	...	·573

58. BULDANA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January ...	·875	·927	·823	·104	1·004	19th	·717	11th	·287
February ...	·825	·882	·768	·114	·981	15th	·587	3rd	·394
March ...	·772	·835	·709	·126	·939	1st	·627	27th	·312
April ...	·710	·776	·644	·132	·857	2nd	·553	23rd	·304
May ...	·645	·704	·585	·119	·780	9th	·394	19th	·386
June ...	·563	·617	·508	·109	·715	15th	·398	21st	·317
July ...	·595	·640	·549	·091	·724	25th	·466	14th	·258
August ...	·605	·653	·556	·097	·780	22nd	·464	3rd	·316
September ...	·685	·741	·629	·112	·835	20th	·465	1st	·370
October ...	·785	·841	·729	·112	·971	27th	·609	6th	·362
November ...	·849	·904	·794	·110	·981	10th	·707	3rd	·274
December ...	·841	·894	·788	·106	·971	24th	·660	30th	·311
Year ...	·729	·785	·674	·111	1·004	...	·394	...	·610

59. AKOLA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	1·104	1·175	1·033	·142	1·259	18th	·900	11th	·359
February ...	1·046	1·120	·971	·149	1·235	15th	·755	3rd	·480
March ...	·961	1·039	·882	·157	1·170	1st	·790	25th	·380
April ...	·894	·975	·813	·162	1·078	2nd	·730	26th	·348
May ...	·806	·886	·726	·160	·964	9th	·539	19th	·425
June ...	·726	·797	·654	·143	·900	16th	·544	21st	·356
July ...	·766	·823	·708	·115	·930	25th	·639	12th	·291
August ...	·785	·846	·723	·123	·979	22nd	·616	2nd	·363
September ...	·873	·946	·800	·146	1·058	16th	·647	1st	·411
October ...	1·000	1·076	·924	·152	1·215	27th	·831	7th	·384
November ...	1·077	1·152	1·001	·151	1·229	10th	·897	3rd	·332
December ...	1·077	1·147	1·006	·141	1·221	11th	·868	30th	·353
Year ...	·926	·999	·853	·146	1·259	...	·539	...	·720

60. AMRAOTI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	·812	·878	·746	·132	·974	19th	·621	11th	·353
February ...	·764	·828	·699	·129	·940	15th	·491	3rd	·449
March ...	·665	·742	·557	·155	·864	3rd	·478	27th	·386
April ...	·602	·682	·521	·161	·797	2nd	·440	26th	·357
May ...	·512	·580	·444	·136	·672	9th	·275	19th	·397
June ...	·434	·499	·368	·131	·599	15th	·243	21st	·356
July ...	·468	·519	·417	·102	·610	25th	·330	14th	·280
August ...	·477	·533	·421	·112	·684	25th	·338	3rd	·346
September ...	·576	·641	·510	·131	·737	30th	·369	1st	·368
October ...	·701	·767	·634	·133	·896	27th	·520	7th	·376
November ...	·776	·846	·706	·140	·913	10th	·613	3rd	·300
December ...	·777	·841	·713	·128	·902	11th	·563	31st	·339
Year ...	·630	·696	·564	·132	·974	...	·243	...	·731

61. CHANDA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	28+		29+		28+		
January ...	·436	·504	1·368	·136	·597	20th	1·239	30th	·358
February ...	·353	·422	1·284	·138	·557	15th	1·102	5th	·455
March ...	·258	·336	1·180	·156	·474	1st	1·080	27th	·394
April ...	·198	·275	1·120	·155	·403	2nd	1·032	22nd	·371
May ...	·078	·146	1·011	·135	·233	1st	·854	19th	·379
June ...	·010	·077	·943	·134	·172	8th	·820	25th	·352
July ...	·041	·114	·968	·146	·205	25th	·918	14th	·287
August ...	·063	·116	1·009	·107	·225	26th	·943	1st	·282
September ...	·165	·228	1·103	·125	·332	30th	·963	6th	·369
October ...	·301	·365	1·236	·129	·492	28th	1·164	1st	·328
November ...	·385	·453	1·317	·136	·528	10th	1·213	3rd	·315
December ...	·390	·457	1·324	·133	·525	24th	1·153	31st	·372
Year ...	·223	·291	1·155	·136	·597	...	·820	...	·777

62. SIRONCHA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·668	·748	·587	·161	·839	18th	·521	30th	·318
February ...	·658	·732	·583	·149	·789	20th	·323	5th	·466
March ...	·534	·620	·448	·172	·735	1st	·352	27th	·383
April ...	·473	·558	·387	·171	·699	2nd	·280	26th & 27th	·419
May ...	·349	·409	·289	·120	·547	31st	·102	19th	·445
June ...	·313	·359	·266	·093	·556	2nd	·196	5th	·360
July ...	·346	·394	·297	·097	·434	30th	·200	13th	·234
August ...	·333	·386	·280	·106	·467	23rd	·202	6th	·265
September ...	·430	·483	·376	·107	·575	16th	·264	6th	·311
October ...	·556	·608	·503	·105	·707	26th	·427	6th	·280
November ...	·652	·710	·593	·117	·784	11th	·442	3rd	·342
December ...	·664	·730	·597	·133	·765	9th	·441	31st	·324
Year ...	·498	·561	·434	·127	·839	...	·102	...	·737

63. JACOBABAD.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	...	...	...	...	...	...	...	...	...
February ...	·845	·908	·783	·125	1·079	15th	·500	6th	·579
March ...	·695	·761	·629	·132	·959	1st	·485	5th	·474
April ...	·627	·695	·558	·137	·871	20th	·408	9th	·463
May ...	·463	·524	·402	·122	·659	9th	·256	26th	·403
June ...	·316	·378	·255	·123	·567	5th	·061	25th	·506
July ...	·268	·323	·213	·110	·511	25th	·089	3rd	·422
August ...	·345	·400	·289	·111	·621	22nd	·123	18th	·498
September ...	·506	·560	·453	·107	·696	20th	·242	11th	·454
October ...	·716	·773	·658	·115	·944	31st	·479	1st	·465
November ...	·824	·884	·765	·119	1·019	14th	·555	4th	·464
December ...	·886	·943	·829	·114	1·162	11th	·605	28th	·557
Year ...	...	...	...	...	1·162	...	·061	...	1·101

64. HYDERABAD.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...	...
May ...	...	...	...	...	...	...	...	...	...
June ...	·467	·516	·419	·097	·685	5th	·232	25th	·453
July ...	·447	·484	·410	·074	·632	25th	·306	31st	·326
August ...	·504	·544	·463	·081	·752	22nd	·346	6th	·406
September ...	·646	·696	·596	·100	·855	20th	·404	2nd	·451
October ...	·829	·886	·773	·113	1·021	27th	·611	2nd	·410
November ...	·914	·974	·854	·120	1·092	26th	·660	4th	·432
December ...	·988	1·050	·926	·124	1·265	11th	·749	27th	·516
Year ...	...	...	...	...	1·265	...	·232	...	1·033

65. KURRACHEE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	1·059	1·127	1 010	·117	1·318	18th	·866	10th	·452
February ...	1·000	1·061	·951	·110	1·200	15th	·612	6th	·588
March ...	·886	·943	·841	·102	1·081	2nd	·753	5th	·328
April ...	·814	·861	·765	·096	·963	20th	·652	22nd	·311
May ...	·702	·745	·665	·080	·856	9th	·542	19th	·314
June ...	·576	·613	·537	·076	·762	16th	·334	25th	·428
July ...	·560	·590	·529	·061	·707	25th	·432	13th	·275
August ...	·624	·657	·583	·074	·831	22nd	·458	6th	·373
September ...	·735	·772	·690	·082	·913	20th	·493	2nd	·420
October ...	·893	·938	·840	·098	1·067	27th	·708	2nd & 5th.	·359
November ...	·971	1·020	·925	·095	1·099	26th	·765	4th	·334
December ...	1·016	1·070	·968	·102	1·242	11th	·837	27th	·405
Year ...	·820	·866	·775	·091	1·318	...	·334	...	·984

66. BHUJ.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·666	·721	·612	·109	·860	18th	·505	11th	·355
February ...	·616	·669	·563	·106	·781	15th	·280	6th	·501
March ...	·522	·582	·461	·121	·690	1st	·399	5th	·291
April ...	·445	·505	·386	·119	·590	2nd & 20th.	·292	22nd	·298
May ...	·362	·409	·314	·095	·516	9th	·143	19th	·373
June ...	·239	·286	·192	·094	·448	15th	·034	25th	·414
July ...	·244	·276	·212	·064	·378	26th	·115	13th	·263
August ...	·290	·328	·252	·076	·487	22nd	·157	2nd & 6th	·330
September ...	·385	·436	·334	·102	·575	20th	·107	3rd	·468
October ...	·520	·576	·465	·111	·719	27th	·282	5th	·437
November ...	·599	·655	·543	·112	·715	19th & 26th	·436	4th	·279
December ...	·619	·674	·563	·111	·807	11th	·442	27th	·365
Year ...	·459	·510	·408	·102	·860	...	·034	...	·826

67. RAJKOT.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...	...
May ...	...	...	...	...	...	...	...	...	...
June ...	Observatory opened.								
July ...	·277	·328	·226	·102	·436	25th	·135	13th	·301
August ...	·317	·360	·275	·085	·516	23rd	·139	3rd	·377
September ...	·401	·456	·345	·111	·604	20th	·162	2nd	·442
October ...	·496	·551	·442	·109	·679	27th	·289	5th	·390
November ...	·555	·615	·495	·120	·700	7th	·388	4th	·312
December ...	·564	·623	·505	·118	·747	12th	·398	28th	·349
Year ...	...	...	...	...	...	...	...	...	...

68. DEESA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January ...	·557	·626	·518	·108	·734	18th	1·369	11th	·365
February ...	·516	·582	·474	·108	·742	15th	1·206	3rd	·536
March ...	·428	·491	·375	·116	·612	2nd	1·302	30th	·310
April ...	·384	·447	·330	·117	·563	20th	1·205	9th	·358
May ...	·318	·378	·258	·120	·482	9th	1·122	19th	·360
June ...	·220	·271	·159	·112	·408	16th	·995	25th	·413
July ...	·222	·262	·174	·088	·388	25th	1·102	30th	·286
August ...	·263	·315	·211	·104	·481	22nd	1·128	3rd	·353
September ...	·361	·407	·305	·102	·537	20th	1·048	2nd	·489
October ...	·492	·547	·443	·104	·682	27th	1·295	6th	·387
November ...	·562	·624	·511	·113	·686	10th	1·409	3rd & 4th	·277
December ...	·565	·624	·522	·102	·774	11th	1·389	28th	·385
Year ...	·407	·465	·357	·108	·774	...	·995	...	·779

69. Mount Abu.

Month.	Mean.	10 hours	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		26+		25+		
January ...	1·158	1·196	1·120	·076	·299	18th	·944	11th	·355
February ...	1·114	1·154	1·075	·079	·286	15th	·779	6th	·507
March ...	1·091	1·133	1·048	·085	·246	1st	·976	30th	·270
April ...	1·045	1·087	1·003	·084	·185	4th	·917	26th	·268
May ...	·992	1·028	·956	·072	·119	9th	·835	2nd	·284
June ...	·899	·936	·863	·073	·051	16th	·729	26th	·322
July ...	·873	·898	·848	·050	·005	26th	·766	16th	·239
August ...	·888	·920	·856	·064	·048	22nd	·793	19th	·255
September ...	·968	1·003	·933	·070	·126	20th	·686	2nd	·440
October ...	1·069	1·105	1·033	·072	·210	26th&27th	·875	6th	·335
November ...	1·114	1·155	1·073	·082	·229	19th	·956	24th	·273
December ...	1·077	1·116	1·038	·078	·202	24th&25th	·895	28th	·307
Year ...	1·024	1·061	·987	·074	·299	...	·686	...	·613

70. Neemuch.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	28+	27+		28+		27+		
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
·247	·308	1·186	·122	·407	17th	1·114	30th	·293
·190	·252	1·128	·124	·361	20th	1·005	22nd	·356
·102	·155	1·049	·106	·258	9th	·946	19th	·312
·001	·052	·950	·102	·180	15th	·791	25th	·389
·007	·044	·971	·073	·168	25th	·870	15th	·298
·031	·074	·988	·086	·234	22nd	·909	3rd	·325
·140	·187	1·093	·094	·313	20th	·896	2nd	·417
·283	·337	1·229	·108	·479	26th	1·101	7th	·378
·354	·413	1·294	·119	·488	10th	1·193	4th	·295
·344	·402	1·287	·115	·526	11th	1·125	28th	·401
...	...	...	...	...	...	...	...	...

71. Indore.

Month.	Mean.	10 hours.	16 hours.	Range	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		28+		27+		
January ...	...	...	...	...	...	...	...	...	...
February ...	Observatory established, February 1877.								
March ...	1·080	1·142	1·019	·123	·270	2nd	·938	27th	·332
April ...	1·017	1·078	·955	·123	·201	2nd	·861	23rd	·340
May ...	·937	·999	·876	·123	·088	9th	·732	19th	·356
June ...	·849	·905	·793	·112	·021	15th	·603	25th	·418
July ...	·870	·910	·829	·081	·019	25th	·728	14th	·291
August ...	·894	·943	·846	·097	·078	22nd	·755	3rd	·323
September ...	·984	1·037	·930	·107	·155	15th	·717	1st	·438
October ...	1·098	1·154	1·042	·112	·290	27th	·911	7th	·379
November ...	1·176	1·234	1·118	·116	·302	10th	·966	4th	·336
December ...	1·161	1·221	1·102	·119	·325	14th	·967	30th	·358
Year ...	...	...	...	...	·325	...	·603	...	·722

72. Surat.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
Observatory established, April 1877.								
·822	·885	·760	·125	·996	19th	·646	22nd	·350
·767	·825	·709	·116	·920	31st	·556	19th	·364
·674	·721	·626	·095	·855	1st	·498	25th	·357
·694	·730	·659	·071	·816	25th	·579	13th	·237
·726	·770	·681	·089	·921	22nd	·578	2nd	·343
·789	·846	·733	·113	·954	16th&17th	·561	2nd	·393
·859	·916	·802	·114	1·004	13th	·669	6th	·335
·944	1·002	·886	·116	1·051	14th	·850	28th	·201
·913	·997	·887	·110	1·132	11th	·821	28th	·311
...	...	...	...	1·132	...	·498	...	·634

73. MALEGAON.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	..	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...	...
May ...	Observatory established, May 1877.								
June ...	·248	·298	·198	·100	·418	15th	·108	26th	·310
July ...	·294	·332	·256	·076	·418	25th	·159	13th	·259
August ...	·314	·356	·272	·084	·488	22nd	·191	2nd	·297
September	·379	·438	·320	·118	·534	16th	·187	1st	·347
October ...	·474	·536	·412	·124	·671	27th	·300	6th	·371
November	·549	·615	·484	·131	·694	10th	·394	4th	·300
December	·534	·595	·472	·123	·693	11th	·344	28th	·349
Year ...	...	...	...	...	·694	...	·108	...	·586

74. BOMBAY.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January ...	·987	986	1·051	·939	1·009	·112	1·120	17th & 18th 10 h.	·888	30th, 16 h.	·232
February	·948	·947	1·010	·899	·973	·111	1·089	22nd, 10 h.	·792	6th, ,,	·297
March ...	·899	·907	·962	·841	·918	·121	1·034	3rd, ,,	·780	10th, ,,	·254
April ...	·838	·853	·900	·777	·855	·123	·972	19th, ,,	·680	22nd, ,,	·292
May ...	803	·812	·854	·750	·822	·104	·944	31st, ,,	·580	18th, ,,	·364
June ...	·725	732	·763	·678	·747	·085	·882	1st, ,,	·581	20th, ,,	·301
July ...	761	750	·791	·732	·781	·059	·863	8th, ,,	·626	13th, ,,	·237
August ...	·777	·767	814	·741	·798	·073	·928	22nd, ,,	·648	3rd, ,,	·280
September	·819	·820	·869	·771	·847	·098	·967	16th, ,,	·661	2nd, ,,	·306
October ...	876	·886	·936	·822	·900	·114	1·045	27th, ,,	·722	6th, ,,	·323
November	932	·943	·997	·875	·955	·122	1·064	10th, ,,	·779	3rd, ,,	·285
December	·927	·932	·991	·878	·947	·113	1·076	10th, 22 h.	·807	28th, ,,	·269
Year ...	858	·861	·912	·809	·879	·103	1·120	·...	·580	...	·510

75. POONA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January ...	·973	1·042	·902	·140	1·112	2nd	·831	21st	·281
February ...	·908	·970	·843	·127	1·054	15th	·726	4th	·328
March ...	·892	·950	·816	·134	1·048	1st	·758	24th	·290
April ...	·836	·901	·764	·127	·985	1st	·673	22nd	·312
May ...	·803	·859	·734	·125	·948	31st	·575	19th	·373
June ...	·734	·778	·681	·097	·896	1st	·586	20th	310
July ...	·777	·814	·741	·073	·892	26th	·655	13th	·237
August ...	·783	·829	·739	·090	·938	22nd	·677	6th	·261
September ...	·795	·843	·738	·105	·924	16th	·650	6th	·274
October ...	·886	·943	·823	·120	1·066	27th	·749	11th	·317
November ...	·959	1·028	·889	·139	1·094	10th	812	4th	·282
December ...	·963	1·034	·890	·144	1·091	21th	·829	31st	·262
Year ...	·859	·917	·797	·118	1·112	...	575	...	·537

76. SHOLAPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		27+		
January ...	·425	·489	·361	·128	·558	19th	1·268	26th	·290
February ...	·364	·435	·293	·142	·546	20th	1·126	6th	·420
March ...	·323	·388	·259	·129	·496	1st	1·166	27th	·330
April ...	·263	·329	·197	·132	·438	15th	1·119	23rd	·319
May ...	·188	·255	·121	·134	·336	24th	·972	19th	·361
June ...	·159	·223	·096	·127	·345	16th	1·023	24th	·322
July ...	·175	·227	·124	·103	·296	8th	1·021	13th	·275
August ...	·174	·232	·116	·116	·331	22nd	1·067	2nd, 3rd, 6th& 12th.	·264
September ...	·229	·287	·171	·116	·364	15th	1·093	2nd	·271
October ...	·317	·369	·264	·105	·456	28th	1·195	6th & 7th	·261
November ...	·383	·442	·325	·117	·506	11th & 14th.	1·240	4th	·266
December ...	·385	·450	·319	·131	·501	24th	1·203	31st	·298
Year ...	·282	·344	·221	·123	·558	...	·972	...	·586

77. RATNAGIRI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·918	·976	·861	·115	1·036	17th	·802	29th	·234
February	·876	·930	·821	·109	1·000	15th	·742	4th	·258
March ...	·816	·876	·757	·119	·953	3rd	·664	22nd	·289
April ...	·752	·809	·696	·113	·870	2nd	·613	22nd	·257
May ...	·727	·777	·676	·101	·850	25th	·525	19th	·325
June ...	·669	·710	·629	·081	·800	1st	·542	12th	·258
July ...	·718	·748	·687	·061	·802	25th	·601	14th	·201
August ...	·727	·760	·694	·066	·852	22nd & 26th	·613	3rd	·239
September	·755	·796	·714	·082	·888	14th	·613	23rd	·275
October...	·803	·853	·754	·099	·913	13th & 27th	·601	15th	·222
November	·836	·890	·781	·109	·961	10th	·688	3rd	·273
December	·832	·887	·778	·109	·976	11th	·702	28th	·274
Year ...	·786	·834	·737	·097	1·036	...	·525	...	·511

78. BELGAUM.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·466	·528	·419	·109	·574	19th	·368	21st	·206
February	·433	·488	·383	·105	·559	20th	·302	2nd & 4th	·257
March ...	·396	·460	·336	·124	·528	1st	·281	22nd	·247
April ...	·362	·421	·303	·118	·485	19th	·224	22nd	·261
May ...	·323	·379	·271	·108	·472	31st	·122	19th	·350
June ...	·291	·327	·254	·073	·411	1st	·160	12th	·251
July ...	·331	·359	·306	·053	·412	8th	·239	13th	·173
August ...	·331	·362	·301	·061	·444	22nd	·221	3rd	·223
September	·358	·395	·310	·085	·487	13th	·224	6th	·263
October...	·409	·458	·361	·097	·526	27th	·316	6th	·210
November	·442	·499	·396	·103	·558	10th	·312	3rd	·246
December	·433	·488	·386	·102	·533	24th	·305	31st	·228
Year ...	·381	·430	·336	·094	·574	...	·122	...	·452

79. GOA.*

MONTH.	Mean.	9 hours.	12 hours.	15 hours.	21 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January...	·729	·768	·737	·686	·729	·082	·823	17th	·619	29th	·204
February	·709	·737	·713	670	·713	·067	·788	15th	·579	4th	·209
March ...	·662	·697	·678	·619	·654	·078	·772	3rd	·571	26th	·201
April ...	·607	·634	·619	·571	·599	·063	·709	1st	·497	23rd	·212
May ...	·579	·599	·587	·552	·579	·047	·701	31st	·426	18th	·275
June ...	·544	·556	·548	·520	·548	·036	·638	1st	·390	25th	·248
July ...	·583	·599	·587	·567	·583	·032	·638	8th	·508	13th	·130
August ...	·583	·595	·591	·564	·575	·031	·670	22nd	·477	3rd	·193
September	·603	·615	·607	·575	·611	·040	·682	30th	·501	6th	·181
October...	·612	·658	·634	·595	·674	·063	·741	27th	·556	24th	·185
November	·682	·713	·682	·623	·705	·090	·875	29th	·552	2nd	·323
December	·682	·713	·682	·638	·701	·075	·780	10th	·583	31st	·197
Year ...	·634	·657	·639	·598	·639	·059	·875	...	·390	...	·485

80. VIZAGAPATAM.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January...	1·060	1·023	1·129	1·009	1·079	·120	1·212	19th, 10 h.	·921	29th, 16 h.	·291
February	·989	·952	1·060	·933	1·011	·127	1·179	20th, „	·747	5th, „	·432
March ...	·917	·879	·985	·866	·936	·119	1·084	1st, „	·783	29th, „	·301
April ...	·860	·828	·930	·806	·875	·124	1·065	2nd, „	·671	26th, „	·394
May ...	·732	·702	·784	·686	·756	·098	·889	9th, „	·549	27th, „	·340
June ...	·632	·618	·673	·574	·663	·099	·795	8th, „	·436	24th, „	·359
July ...	·642	·627	·679	·588	·675	·091	·782	25th, „	·485	13th, „	·297
August ...	·637	·626	·677	·578	·669	·099	·806	25th, „	·447	12th, „	·359
September	·771	·743	·818	·712	·809	·106	·934	30th, „	·553	6th, „	·381
October...	·901	·870	·962	·841	·930	·121	1·057	28th, „	·774	11th, „	·283
November	·969	·934	1·032	·914	·995	·118	1·098	10th, „	·759	3rd, „	·339
December	·990	·960	1·054	·934	1·013	·120	1·102	9th, „	·775	31st, „	·327
Year ...	·842	·814	·899	·787	·868	·112	1·212	...	·436	...	·776

* Barometer uncorrected.

81. MASULIPATAM.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January...	·053	·118	·005	·073	·118	·182	18th, 10 h.	·938	29th, 16 h.	·244
February	·982	·049	·931	·005	·120	·171	20th, „	·719	5th, „	·452
March ...	·923	·994	·866	·944	·132	·098	1st, „	·779	28th, „	·319
April ...	·874	·938	·811	·893	·133	·066	2nd, „	·705	26th, „	·361
May	..	...	...	...	...	...	...	...	...	...
June ...	Observations untrustworthy.									
July ...	Ditto.									
August ...	·559	·599	·505	·584	·098	·670	27th, 10 h.	·430	3rd, „	·240
September	·658	·695	·605	·690	·091	·782	30th, „	·490	6th, „	·292
October...	·750	·793	·710	·766	·088	·902	26th, „	·634	2nd, „	·268
November	·807	·857	·769	·825	·096	·917	19th, „	·656	3rd, „	·261
December	·833	·874	·808	·842	·071	·911	24th, „	·652	31st, „	·259
Year ...	...	...	...	...	...	...	...	...	...	...

82. BELLARY.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	28+	28+	28+	28+		28+		28+		
January...	·541	·627	·484	·561	·150	·668	18th, 10 h.	·431	29th, 16 h.	·237
February	·477	·568	·418	·493	·152	·663	20th, „	·301	6th, „	·362
March ...	·421	·508	·354	·441	·160	·592	1st & 3rd, 10 h.	·300	26th, „	·292
April ...	·367	·448	·297	·382	·159	·525	3rd, 10 h.	·217	23rd, „	·308
May	·321	·390	·260	·333	·138	·476	29th, „	·105	18th, „	·371
June ...	·321	·368	·260	·345	·114	·451	1st, „	·190	4th, „	·261
July ...	·354	·402	·286	·383	·123	·444	25th, 22 h.	·221	13th, „	·223
August ...	·351	·401	·285	·381	·122	·482	22nd, 10 h.	·224	29th, „	·258
September	·386	·443	·318	·418	·131	·544	13th, „	·223	5th, „	·321
October...	·453	·513	·392	·484	·131	·606	27th, „	·329	2nd, „	·277
November	·507	·577	·453	·534	·135	·661	9th, „	·359	4th, „	·302
December	·497	·572	·443	·523	·138	·622	24th, „	·323	31st, „	·299
Year ...	·416	·485	·354	·440	·138	·668	...	·105	...	·563

83. BANGALORE.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	26+	26+	26+	26+		26+		26+		
January...	·037	·104	·986	·063	·123	·150	18th, 10 h.	·953	21st, 22nd & 26th, 16 h.	·197
February	·002	·071	·945	·031	·129	·159	19th, „	·841	5th, „	·318
March ...	·971	·037	·905	·005	·137	·096	7th, „	·846	26th, „	·250
April ...	·930	·990	·864	·958	·134	·075	2nd, „	·780	23rd, „	·295
May ...	·886	·938	·821	·916	·124	·017	24th, „	·640	18th, „	·377
June ...	·885	·918	·831	·914	·092	·997	1st, „	·776	4th, „	·221
July ...	·910	·948	·857	·932	·096	·981	9th, „	·792	13th, „	·189
August ...	·909	·947	·851	·939	·195	·022	22nd, „	·791	3rd, „	·231
September	·921	·969	·856	·956	·118	·061	13th, „	·764	6th, „	·297
October...	·975	·033	·908	·013	·135	·096	27th, „	·862	11th, „	·234
November	·009	·065	·952	·048	·122	·111	21st, „	·861	4th, „	·250
December	·006	·065	·954	·039	·119	·112	10th, „	·870	30th, „	·242
Year ...	·953	·007	·894	·985	·127	·159	...	·640	...	·519

84. MADRAS.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January...	·039	·100	·986	·071	·119	·155	19th, 10 h.	·940	10th, 16 h.	·215
February	·984	·049	·928	·014	·123	·168	19th, „	·744	5th, „	·424
March ...	·943	·007	·883	·972	·129	·077	1st, „	·800	30th, „	·277
April ...	·888	·944	·824	·918	·126	·054	4th, „	·715	26th, „	·339
May ...	·780	·827	·717	·812	·116	·927	22nd, „	·432	18th, „	·495
June ...	·760	·804	·694	·792	·117	·874	15th, „	·621	24th, „	·253
July ...	·777	·818	·713	·810	·112	·864	17th, „	·626	13th, „	·238
August ...	·786	·833	·713	·824	·125	·898	22nd, „	·644	11th, „	·254
September	·842	·885	·770	·890	·120	·992	30th, „	·658	6th, „	·334
October...	·917	·970	·850	·959	·130	·034	27th, „	·795	11th, „	·239
November	·973	·025	·919	·011	·116	·091	10th & 22nd 10 h.	·805	4th, „	·286
December	·982	·039	·931	·014	·116	·078	20th, „	·815	31st, „	·263
Year ...	·889	·942	·827	·924	·121	·168	...	·432	...	·736

85. SALEM.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	28+	28+	28+	28+		29+		28+		
January ...	1·087	1·172	1·019	1·123	·160	·223	18th, 10h.	·971	29th, 16h.	·252
February...	1·038	1·134	·962	1·072	·175	·244	19th, „	·830	5th, „	·414
March ...	·999	1·090	·920	1·032	·177	·185	1st, „	·844	26th, „	·341
April ...	·946	1·025	·861	·981	·173	·113	4th, „	·760	26th, „	·353
May ...	·895	·957	·816	·932	·150	·037	22nd, „	·739	17th, „	·298
June ...	·907	·955	·836	·940	127	·018	15th, „	·759	4th, „	·259
July ...	·920	·975	·846	·950	·137	·011	25th, „	·777	13th, „	·234
August ...	·928	·981	·854	·964	·132	·036	22nd, „	·801	29th, „	·235
September	·951	1·009	·877	·989	·139	·093	13th „	·782	6th, „	·311
October ..	1·007	1·070	·933	1·051	·147	·119	27th, „	·877	11th, „	·242
November	1·037	1·099	·974	1·081	·137	·164	22nd, „	·882	4th, „	·282
December	1·043	1·107	·984	1·082	·132	·153	20th „	·882	31st „	·271
Year ...	·980	1·048	·907	1·016	·149	·244	...	·739	...	·505

86. COIMBATORE.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	28+	28+	28+	28+		28+		28+		
January ...	·637	·727	·576	·661	·158	·783	16th &18th, 10h.	·530	26th, 16h.	·253
February...	·593	·686	·520	·626	·169	·791	19th, „	·408	4th, „	·383
March ...	·560	·649	·483	·591	·172	·730	1st, „	·419	26th, „	·311
April ...	·514	·592	·436	·542	·164	·688	5th, „	·343	22nd, „	·345
May ...	·473	·527	·406	·504	·128	·605	31st, „	·291	18th, „	·314
June ...	·492	·528	·441	·515	·093	·608	15th, „	·363	3rd & 7th, 16h.	·245
July ...	·513	·546	·458	·541	·093	·587	15th &25th, 10h.	·407	13th, „	·180
August ...	·524	·560	·468	·553	·095	·604	19th, „	·419	28th, „	·185
September	·532	·583	·462	·573	·127	·666	14th, „	·364	23rd, „	·302
October ..	·575	·643	·500	·617	·153	·697	27th, „	·432	16th, „	·265
November	·604	·669	·540	·648	·141	·725	22nd, „	·460	2nd, „	·265
December	·602	·672	·544	·637	·136	·727	10th, „	·459	31st, „	·268
Year ...	·552	·615	·486	·584	·136	·791	...	·291	...	·500

87. TRICHINOPOLY.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January ...	·752	·827	·685	·794	·148	·887	18th, 10h.	·637	29th, 16h.	·250
February...	·706	·790	·625	·757	·167	·885	19th, „	·490	5th, „	·395
March ...	·661	·744	·581	·700	·169	·822	1st, „	·496	26th, „	·326
April ...	·603	·675	·514	·648	·169	·759	4th, „	·379	25th, „	·380
May ...	·538	·596	·460	·577	·144	·679	31st, „	·297	18th, „	·382
June ...	·542	·588	·468	·579	·126	·650	15th, „	·392	4th, „	·258
July ..	·554	·601	·479	·591	·129	·631	17th, „	·427	13th, „	·204
August ...	·562	·613	·482	·605	·137	·656	18th, „	·438	3rd „	·218
September	·594	·649	·509	·649	·147	·754	13th, 22h.	·419	23rd, „	·326
October ...	·656	·719	·578	·707	·151	·774	27th, 10h.	·527	11th, „	·247
November	·690	·752	·624	·737	·139	·813	22nd, „	·536	4th, „	·277
December	·695	·757	·633	·737	·132	·799	21st, „	·547	31st, „	·252
Year ...	·629	·693	·553	·673	·147	·887	...	·297	...	·590

88. NEGAPATAM.

MONTH.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January ...	1·025	1·089	·982	1·042	·112	1·148	18th, 10h.	·934	29th, 16h.	·214
February...	·982	1·053	·928	1·005	·128	1·167	20th, „	·773	5th, „	·394
March ...	·935	1·005	·882	·949	·127	1·093	1st, „	·806	26th, „	·287
April ...	·878	·939	·824	·892	·122	1·030	4th, „	·721	26th, „	·309
May ...	·801	·848	·746	·823	·108	·938	31st, „	·579	18th, „	·359
June ...	·793	·837	·726	·824	·117	·906	15th, „	·675	25th, „	·231
July ..	·804	·850	·744	·827	·112	·920	29th, 22h.	·676	4th, „	·244
August ...	·824	·871	·758	·855	·118	·951	22nd, 10h.	·701	11th, „	·250
September	·850	·900	·773	·898	·133	·995	14th, „	·678	2nd, „	·317
October ...	·905	·967	·833	·946	·144	1·027	27th, „	·779	16th, „	·248
November	·933	·989	·887	961	·111	1·042	14th, „	·811	2nd, „	·231
December	·935	·991	·891	·958	·106	1·037	9th, „	·808	31st, „	·229
Year ...	·889	·945	·831	·915	·120	1·167	...	·579	...	·588

89. MADURA.

Month.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January ...	·565	·635	·494	·615	·147	·691	17th, 10 h.	·444	29th, 16 h.	·247
February ...	·503	·586	·412	·568	·177	·684	22nd, „	·309	5th, „	·375
March ...	·480	·555	·388	·539	·172	·619	1st, „	·332	29th, „	·287
April ...	·428	·488	·346	·475	·150	·561	4th, „	·238	26th, „	·323
May ...	·373	·417	·317	·399	·107	·498	31st, „	·219	18th, „	·279
June ...	·381	·425	·319	·407	·112	·467	16th, „	·250	26th, „	·217
July ...	·367	·412	·301	·396	·118	·445	17th, „	·255	30th, „	·190
August ...	·383	·434	·310	·419	·130	·463	28th, „	·276	3rd, „	·187
September ...	·415	·468	·341	·459	·133	·578	17th, 22 h.	·264	6th, „	·314
October ...	·471	·529	·396	·518	·144	·582	27th, 10 h.	·357	16th, „	·225
November ...	·497	·561	·429	·547	·143	·606	22nd, „	·373	5th, „	·233
December ...	·492	·553	·428	·538	·134	·617	20th, „	·382	31st, „	·235
Year ...	·446	·505	·373	·490	·139	·691	...	·219	...	·472

90. COCHIN.

Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
29+	29+	29+	29+		29+		29+		
·985	1·048	·920	1·031	·134	1·104	15th, 10 h.	·847	30th, 16 h.	·257
·970	1·028	·904	1·018	·126	1·064	20th, „	·856	3rd, „	·208
·950	1·003	·883	·998	·125	1·064	5th, „	·821	19th, „	·243
·837	·885	·767	·879	·124	1·003	5th, 22 h.	·712	27th, „	·291
·868	·913	·803	·902	·117	1·018	31st, 10 h.	·706	18th, „	·312
·909	948	·849	·936	·105	1·046	16th, „	·747	12th, „	·299
·891	·927	·837	·917	·096	·991	1st, „	·717	23rd, „	·274
·901	·939	·846	·928	·097	·987	30th, „	·787	17th, „	·200
·925	·971	·865	·957	·111	1·053	13th, „	·744	23rd, „	·309
·955	1·010	·888	·996	·131	1·077	8th, „	·811	16th, „	·266
·926	·979	·870	·966	·119	1·030	24th, „	·796	15th, „	·234
·906	·966	·846	·948	·128	1·044	10th, „	·801	28th, „	·243
·919	·968	·857	·956	·118	1·104	...	·706	...	·398

91. COLOMBO.

Month.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·927	·989	·865	·124	1·054	16th	·795	26th	·259
February ...	·919	·980	·859	·121	1·055	22nd	·768	2nd	·287
March ...	·886	·949	·823	·126	1·006	7th	·777	25th	·229
April ...	·840	·897	·783	·114	·959	4th	·707	27th	·252
May ...	·820	·866	·774	·092	·985	31st	·684	7th	·301
June ...	·882	·921	·843	·078	·966	1st	·785	4th	·181
July ...	·881	·918	·845	·073	·956	17th	·807	13th	·149
August ...	·894	·936	·853	·083	·988	8th	·797	3rd	·191
September ...	·890	·944	·837	·107	1·019	13th	·750	23rd	·269
October ...	·912	·969	·855	·114	1·026	8th	·799	30th	·227
November ...	·899	·956	·842	·114	·995	22nd	·771	4th	·224
December ...	·864	·923	·805	·118	·983	10th	·725	28th	·258
Year ...	·885	·937	·832	·105	1·055	...	·684	...	·371

92. JAFFNA.

Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
1·007	1·061	·955	·106	1·119	16th	·911	29th	·208
·970	1·035	·906	·129	1·133	20th	·799	2nd & 6th	·334
·931	·997	·865	·132	1·065	1st	·796	26th	·269
·875	·939	·812	·127	1·006	4th	·714	26th	·292
·802	·855	·750	·105	·943	22nd	·625	18th	·318
·815	·865	·766	·099	·923	15th	·700	3rd	·223
·828	·877	·779	·098	·910	17th	·726	13th	·184
·833	·886	·780	·106	·936	22nd	·727	28th	·209
·859	·916	·803	·113	1·002	13th	·712	2nd	·290
·915	·980	·850	·130	1·044	13th	·753	11th	·291
·935	·990	·880	·110	1·051	22nd	·813	3rd	·238
·928	·985	·872	·113	1·044	10th	·808	31st	·236
·892	·949	·835	·114	1·133	...	·625	...	·508

93. TRINCOMALEE.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·829	·875	·784	·091	·939	17th	·734	26th	·205
February ...	·797	·847	·747	·100	·943	16th	·641	4th	·302
March ...	·772	·822	·723	·099	·912	1st	·648	26th	·264
April ...	·721	·780	·662	·118	·859	18th	·527	28th	·332
May ...	·667	·712	·622	·090	·834	25th	·465	18th	·369
June ...	·668	·710	·626	·084	·760	1st & 10th	·567	22nd & 26th	·193
July ...	·677	·728	·627	·101	·789	17th	·564	4th & 13th	·225
August ...	·692	·746	·639	·107	·831	21st	·567	3rd	·264
September ...	·723	·775	·672	·103	·860	13th	·524	23rd	·336
October ...	·788	·840	·736	·104	·883	13th	·673	30th	·210
November ...	·785	·841	·729	·112	·872	7th	·673	2nd	·199
December ...	·762	·820	·705	·115	·874	26th	·648	28th & 29th	·226
Year ...	·740	·791	·689	·102	·943	...	·465	...	·478

94. BATTICALOA.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·990	1·038	·942	·096	1·089	17th	·814	27th	·275
February ...	·977	1·027	·928	·099	1·108	20th	·830	4th	·278
March ...	·934	·984	·885	·099	1·041	7th	·837	26th	·204
April ...	·878	·925	·832	·093	·992	4th	·744	26th	·248
May ...	·819	·862	·777	·085	·946	31st	·672	15th	·274
June ...	·835	·871	·799	·072	·920	15th	·764	4th	·166
July ...	·833	·869	·797	·072	·909	17th	·751	3rd	·158
August ...	·844	·883	·805	·078	·924	18th	·763	12th	·161
September ...	Barometer out of order.								
October ...	Ditto.								
November ...	Ditto.								
December ...	Ditto.								
Year ...	...	...	...	...	...	...	...	...	...

95. HAMBANTOTA.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·869	·912	·826	·086	·971	7th	·777	29th	·194
February ...	·877	·931	·824	·107	1·002	22nd	·750	2nd	·252
March ...	·842	·892	·792	·100	·925	14th	·741	26th	·184
April ...	·859	·863	·756	·107	·922	4th	·685	27th	·237
May ...	·797	·842	·752	·090	·989	31st	·666	11th	·323
June ...	·855	·896	·815	·081	·953	20th	·770	27th	·183
July ...	·821	·863	·780	·083	·920	26th	·718	15th	·202
August ...	·854	·894	·814	·080	·991	18th	·756	3rd	·235
September ...	·851	·902	·801	·101	·976	13th	·723	23rd	·253
October ...	·872	·921	·824	·097	·987	8th	·782	15th & 30th	·205
November ...	·860	·908	·813	·095	·954	6th	·762	3rd	·192
December ...	·856	·884	·788	·096	·948	9th & 11th	·712	28th	·236
Year ...	·849	·892	·799	·093	1·002	...	·666	...	·336

96. GALLE.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·909	·965	·853	·112	1·036	15th	·780	29th	·256
February ...	·899	·954	·845	·109	1·032	22nd	·751	2nd	·281
March ...	·863	·920	·807	·113	·986	3rd	·763	26th	·223
April ...	·824	·875	·776	·099	·939	4th	·693	27th	·246
May ...	·807	·852	·762	·090	·978	31st	·657	11th	·321
June ...	·860	·901	·819	·082	·946	20th	·760	10th	·186
July ...	·857	·894	·821	·073	·940	17th	·783	29th	·157
August ...	·875	·917	·834	·083	·966	18th	·794	29th	·172
September ...	·874	·922	·826	·096	·996	13th	·746	23rd	·250
October ...	·893	·948	·839	·109	1·000	13th	·788	30th	·212
November ...	·874	·929	·820	·109	·968	6th	·764	4th	·204
December ...	·838	·895	·781	·114	·958	10th	·686	28th	·272
Year ...	·864	·914	·815	·099	1·036	...	·657	...	·379

97. KANDY.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January ...	·299	·356	·243	·113	·409	17th	·193	29th	·216
February ...	·279	·339	·219	·120	·421	22nd	·127	2nd	·294
March ...	·245	·303	·187	·116	·369	1st	·138	26th	·231
April ...	·218	·270	·167	·103	·332	4th	·079	27th	·253
May ...	·190	·229	·152	·077	·329	31st	·061	11th & 15th	·268
June ...	·230	·265	·196	·069	·310	19th	·137	29th	·173
July ...	·236	·266	·206	·060	·305	17th	·162	4th	·143
August ...	·243	·277	·209	·068	·333	23rd	·153	3rd	·180
September ...	·243	·285	·201	·084	·350	13th	·126	23rd	·224
October ...	·267	·313	·221	·092	369	8th	·171	24th	·198
November ...	·250	·298	·203	·095	·366	22nd	·140	26th	·226
December ...	·230	·284	·177	·107	·343	10th	·109	5th	·234
Year ...	·244	·290	·198	·092	·421	...	·061	...	·360

98. NEWERA ELIYA.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	23+		24+		23+		
January ...	·096	·136	1·057	·079	·263	12th	1·002	23rd	·261
February ...	·068	·102	1·035	·067	·165	21st	·992	7th	·173
March ...	·048	·089	1·008	·081	·123	3rd	·955	23rd	·174
April ...	·034	·075	·994	·081	·120	19th	·940	23rd & 27th	·180
May ...	·013	·052	·974	·078	·121	31st	·865	18th	·256
June ...	·028	·059	·998	·061	·113	1st	·955	9th	·158
July ...	·024	·050	·998	·052	·073	24th	·964	31st	·109
August ...	·033	·065	1·001	·064	·133	29th	·954	3rd	·179
September ...	·030	·066	·994	·072	·169	10th	·955	1st & 2nd	·214
October ...	·046	·092	1·001	·091	·173	25th	·971	15th	·202
November ...	·063	·116	1·011	·105	·183	7th	·979	5th	·204
December ...	·072	·118	1·026	·092	·187	22nd	·987	4th	·200
Year ...	·046	·085	1·008	·077	·263	...	·665	...	·398

99. AKYAB.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	1·064	1·119	1·014	·105	1·227	16th	·913	29th	·314
February ...	1·001	1·060	·953	·107	1·180	20th	·781	4th	·399
March ...	·940	·999	·892	·107	1·091	13th	·833	4th & 27th	·258
April ...	·885	·944	·832	·112	1·087	2nd	·665	26th	·422
May ...	·797	·841	·745	·096	·937	20th	·597	27th	·340
June ..	·688	·725	·645	·080	·894	6th	·374	21st	·520
July ..	·673	·702	·638	·064	·810	14th & 15th	·489	3rd	·321
August ...	·672	·706	·632	·074	·910	23rd	·487	7th	·423
September ...	·846	·886	·800	·086	·997	30th	·661	4th	·336
October ...	·931	·973	·883	·090	1·108	27th	·805	15th	·303
November ...	·986	1·028	·940	·088	1·098	30th	·818	3rd	·280
December ...	1·013	1·063	·965	·098	1·122	10th	·855	31st	·267
Year ...	·875	·921	·828	·093	1·227	...	·374	...	·853

100. THYETMIO.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...	...
May ...	...	...	...	...	...	...	...	...	...
June ...	...	...	...	...	...	...	...	...	...
July ...	...	...	...	...	...	...	...	...	...
August ...	...	...	...	...	...	...	...	...	...
September ...	...	...	...	...	...	...	...	...	...
October ...	...	...	...	...	...	...	...	...	...
November ...	·857	·942	·773	·169	1·119	20th	·647	4th	·472
December ...	·851	·916	·786	·130	1·006	10th	·663	31st	·343
Year ...	...	...	...	...	...	...	...	...	...

101. BASSEIN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	1·040	1·097	·983	·114	1·186	16th	·899	29th	·287
February ...	·980	1·038	·921	·117	1·164	19th	·817	4th	·347
March ...	·921	·981	·861	·120	1·058	17th	·790	28th	·268
April ...	·869	·929	·810	·119	1·044	2nd	·663	26th	·381
May ...	·788	·845	·732	·113	·931	17th	·609	26th	·322
June ...	·756	·799	·712	·087	·931	7th	·594	21st	·337
July ...	·769	·809	·728	·081	·881	16th	·638	1st	·243
August ...	·744	·786	·701	·085	·915	21st	·544	12th	·371
September ...	·863	·916	·811	·105	1·014	29th	·669	3rd	·345
October ...	·901	·948	·853	·095	1·058	26th	·776	15th	·282
November ...	·946	1·003	·889	·114	1·047	19th	·800	3rd	·247
December ...	·960	1·017	·904	·113	1·091	10th	·764	29th	·327
Year ...	·878	·931	·825	·106	1·186	...	·544	...	·642

102. RANGOON.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	1·013	1·078	·948	·130	1·169	15th	·862	29th	·307
February ...	·961	1·026	·895	·131	1·167	19th	·794	4th	·373
March ...	·901	·974	·829	·145	1·037	7th	·649	28th	·388
April ...	·853	·924	·782	·142	1·026	2nd	·657	26th	·369
May ...	·768	·833	·703	·130	·938	18th	·520	26th	·418
June ...	·760	·803	·717	·086	·949	7th	·623	20th & 21st	·326
July ...	·758	·797	·719	·078	·881	21st	·554	4th	·327
August ...	·743	·784	·702	·082	·911	23rd	·560	11th	·351
September ...	·887	·943	·832	·111	1·014	29th	·649	2nd	·365
October ...	·898	·961	·835	·126	1·075	27th	·728	15th	·347
November ...	·922	·984	·860	·124	1·037	14th	·790	4th	·247
December ...	·925	·987	·863	·124	1·065	10th	·763	31st	·302
Year ...	·866	·925	·807	·118	1·169	...	·520	...	·649

103. MOULMEIN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·987	1·045	·928	·117	1·134	18th	·850	21st	·275
February ..	·930	·980	·881	·099	1·172	19th	·784	4th	·388
March ...	·874	·931	·816	·115	·990	13th	·664	28th	·326
April ...	·807	·859	·755	·104	·947	11th	·618	26th	·329
May ...	·729	·787	·672	·115	·879	17th	·547	26th	·332
June ...	·731	·773	·688	·085	·882	7th	·565	28th	·317
July ...	·725	·760	·690	·070	·833	27th	·637	3rd	·196
August ...	·717	·761	·673	·088	·891	23rd	·572	25th	·319
September ...	...	...	...	...	...	...	...	...	...
October ...	...	...	...	...	...	...	...	...	...
November ...	...	...	...	...	...	...	...	...	...
December ...	...	...	...	...	...	...	...	...	...
Year ...	...	...	...	...	...	...	...	...	...

104. MERGUI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	22+		29+		29+		
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...
April ...	...	...	..	...	...	...	...	...	...
May ...	...	...	...	...	...	...	...	...	...
June ...	...	...	...	...	...	...	...	...	...
July ...	...	...	...	...	...	...	...	...	...
August ...	...	...	...	...	...	...	...	...	...
September ...	·821	·871	·771	·100	·948	10th	·645	1st & 2nd	·303
October ...	·839	·901	·777	·124	·983	27th	·683	15th	·300
November ...	·829	·897	·761	·136	·946	13th	·652	30th	·294
December ...	·830	·880	·780	·100	·914	10th	·710	30th	·204
Year ...	...	...	...	...	...	...	...	...	...

105. PORT BLAIR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·963	1·012	·913	0·099	1·086	12th	·862	29th	·224
February ...	·930	·986	·873	·113	1·073	20th	·785	5th	·288
March ...	·895	·948	·842	·106	·998	13th	·799	27th	·199
April ...	·854	·903	·804	·099	·982	4th	·702	26th	·280
May ...	·782	·827	·736	·091	·912	20th	·648	26th	·264
June ...	·773	·808	·738	·070	·897	8th & 15th.	·663	3rd	·234
July ...	·782	·815	·749	·066	·881	26th	·699	4th	·182
August ...	·780	·817	·743	·074	·896	23rd	·634	11th	·262
September ...	·848	·892	·803	·089	·977	9th	·680	2nd	·297
October ...	·880	·929	·830	·099	1·002	13th	·761	15th	·241
November ...	·890	·943	·837	·106	·990	30th	·789	5th	·201
December ...	·889	·938	·840	·098	1·019	10th	·767	31st	·252
Year ...	·856	·902	·809	·093	1·086	...	·334	...	·452

106. NANCOWRY.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January ...	·914	·956	·871	0·085	1·037	16th	·811	29th	·226
February ...	·899	·947	·851	·096	1·022	19th	·771	5th	·251
March ...	·863	·918	·809	·109	·964	27th	·768	26th	·196
April ...	·821	·871	·771	·100	·934	11th	·677	26th	·257
May ...	·786	·833	·739	·094	·908	31st	·647	27th	·261
June ...	·806	·845	·767	·078	·905	7th	·648	23rd	·257
July ...	·810	·846	·774	·072	·897	26th	·736	1st	·161
August ...	·819	·854	·783	·071	·948	22nd	·718	11th	·230
September ...	·841	·884	·798	·086	·976	13th	·713	2nd	·263
October ...	·873	·922	·823	·099	·967	13th	·767	15th & 30th.	·200
November ...	·858	·909	·806	·103	·950	7th	·764	3rd	·186
December ...	·848	·896	·800	·096	1·013	10th	·724	30th	·289
Year ...	·845	·890	·799	·091	1·037	...	·647	...	·390

TABLE VI.—MONTHLY MEANS OF PRESSURE IN 1877 REDUCED TO THEIR SEA-LEVEL VALUES.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Peshawar	1·236	1·154	1·009	·954	·750	·580	·484	·551	·742	1·011	1·134	1·173	·898
Rawalpindi ...	1·167	1·082	·949	·875	·695	·537	·456	·491	·698	·981	1·051	1·080	·839
Sealkot	1·163	1·077	·912	·861	·706	·547	·481	·524	·697	·944	1·038	1·086	·839
Lahore	1·149	1·062	·926	·849	·685	·523	·468	·509	·684	·928	1·025	1·088	·825
Ludhiana	?	1·062	·925	·839	·683	·538	·489	·532	·708	·931	1·018	1·077	?
Delhi	1·136	1·058	·907	·819	·654	·513	·467	·517	·681	·907	1·001	1·067	·811
Sirsa	1·121	1·070	·922	·839	·683	·542	·502	·537	·717	·929	1·026	1·084	·831
Dera Ismail Khan ...	1·183	1·101	·943	·885	·699	·512	?	?	·691	·934	1·054	1·097	?
Mooltan	1·151	1·077	·942	·875	·685	·533	·471	·529	·691	·935	1·057	1·110	·838
Ajmere	1·175	1·102	·944	·853	·726	·597	·603	·673	·769	·962	1·064	1·106	·882
Dehra	1·154	1·084	·956	·883	·715	·579	·536	·587	·727	·952	1·035	1·087	·858
Roorkee	1·139	1·070	·926	·842	·672	·539	·496	·549	·689	·923	1·010	1·073	·827
Meerut	1·138	1·069	·912	·835	·672	·531	·502	·540	·690	·925	1·007	1·073	·825
Bareilly	1·129	1·054	·910	·818	·667	·550	·511	·558	·693	·926	1·002	1·070	·824
Agra	1·132	1·060	·901	·807	·682	·542	·525	·553	·702	·915	1·007	1·075	·825
Lucknow	1·132	1·066	·906	·824	·672	·549	·533	·563	·697	·929	1·006	1·076	·829
Gorakhpur... ...	1·128	1·050	·889	·804	·660	·550	·532	·566	·693	·921	·992	1·051	·820
Jhansi	1·126	1·085	·906	·812	·688	·548	·550	?	?	·922	1·017	1·068	?
Nowgong	?	?	?	?	?	·549	·578	·601	·746	·941	1·037	1·092	?
Sutna	1·128	1·079	·916	·827	·692	·541	·561	·583	·736	·924	1·024	1·071	·840
Allahabad	1·122	1·063	·898	·815	·673	·536	·538	·559	·705	·914	·995	1·057	·823
Benares	1·113	1·060	·899	·795	·655	·526	·526	·543	·685	·895	·971	1·045	·809
Sibsagar	1·168	1·079	·959	·922	·795	·663	·617	·636	·812	·973	1·044	1·082	·896
Goalpara	1·133	1·050	·914	·868	·756	·631	·585	·606	·777	·946	1·009	1·050	·860
Purneah	1·113	1·046	·893	·842	·717	·615	·585	·592	·753	·938	·997	1·044	·845
Durbhanga ...	1·124	1·061	·908	·834	·701	·574	·550	·570	·728	·923	1·006	1·057	·836
Patna	1·135	1·073	·903	·820	·690	·558	·549	·581	·720	·930	·999	1·068	·836
Gya	1·135	1·069	·928	·835	·718	·562	·564	·587	·726	·933	1·007	1·070	·845
Hazaribagh ...	1·139	1·084	·928	·851	·723	·584	·593	·596	·752	·954	1·026	1·075	·859
Berhampore ...	1·055	1·021	·909	·844	·714	·599	·583	·598	·756	·936	·992	1·044	·838
Burdwan	1·113	1·059	·894	·837	·721	·592	·578	·591	·760	·934	·998	1·043	·843
Jessore	1·106	1·055	9·08	·852	·742	·616	·596	·596	·782	·935	·995	1·036	·852
Dacca	1·108	1·051	·921	·863	·752	·633	·599	·605	·789	·933	·988	1·029	·856
Silchar	1·126	1·056	·944	·899	·791	·669	·648	·649	·836	·969	1·006	1·039	·886
Chittagong ...	1·110	1·051	·955	·897	·787	·669	·658	·640	·833	·945	·994	1·030	·881
Calcutta	1·115	1·051	·919	·849	·734	·602	·597	·589	·772	·931	·993	1·040	·849

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Alipore	?	?	?	·856	·746	·620	·610	·610	·787	·943	1·002	1·044	?
Saugor Island ...	1·100	1·036	·919	·849	·733	·601	·599	·584	·767	·922	·985	1·028	·844
Cuttack	1·109	1·044	·926	·859	·742	·610	·627	·612	·776	·930	1·004	1·038	·856
False Point ...	1·118	1·058	·948	·880	·767	·639	·642	·632	·793	·930	1·028	1·049	·874
Sambalpur	?	?	?	?	?	?	·588	·588	·739	·901	·985	1·008	?
Raipur	1·112	1·053	·925	·849	·712	·594	·610	·597	·735	·919	1·016	1·023	·845
Nagpur	1·096	1·026	·908	·838	·713	·627	·676	·687	·791	·942	1·036	1·039	·865
Seoni	1·112	1·049	·918	·863	·731	·623	·652	·662	·800	·954	1·050	1·058	·873
Jubbulpore ...	1·133	1·075	·926	·851	·741	·611	·638	·666	·791	·957	1·057	1·079	·877
Saugor	?	?	?	·822	·714	·653	·592	·617	·658	·704	·947	1·042	?
Hoshangabad ...	1·138	1·062	·934	·835	·728	·620	?	·688	·790	·934	1·037	1·056	?
Khandwa	1·084	1·017	·903	·811	·721	·646	·684	·708	·787	·916	1·003	1·002	·857
Buldana	1·119	1·055	·961	·875	·791	·718	·771	·788	·870	·922	1·064	1·070	·923
Akola	1·077	1·009	·904	·826	·724	·647	·698	·718	·809	·947	1·035	1·039	·869
Amraoti	1·067	1·008	·884	·809	·704	·629	·678	·690	·789	·927	1·013	1·021	·852
Chanda	1·119	1·030	·921	·859	·728	·657	·700	·724	·827	·968	1·063	1·068	·889
Sironcha	1·087	1·073	·943	·877	·750	·713	·750	·739	·837	·968	1·068	1·080	·907
Jacobabad	?	?	·888	·817	·648	·498	·449	·527	·694	·907	1·019	1·087	?
Hyderabad	?	?	?	?	?	·600	·580	·642	·781	·966	1·054	1·132	?
Kurrachee	1·112	1·052	·937	·865	·752	·625	·609	·674	·786	·944	1·022	1·068	·871
Rajkot	?	?	?	?	?	?	·709	·749	·835	?	·996	1·015	?
Deesa	1·054	1·008	·909	·856	·783	·684	·690	·732	·835	·973	1·047	1·058	·886
Neemuch	?	?	·910	·832	·725	·610	·639	·664	·780	·950	1·035	1·050	?
Surat	?	?	?	·860	·803	·709	·731	·762	·826	·896	·981	·980	?
Malegaon	?	?	?	?	?	·686	·738	·763	·828	·939	1·023	1·014	?
Bombay	1·025	·986	·937	·876	·840	·763	·799	·815	·857	·914	·970	·965	·896
Poona	1·009	·930	·888	·818	·782	·726	·777	·789	·798	·899	·976	·987	·865
Sholapur	1·056	·977	·919	·848	·759	·745	·768	·768	·834	·925	1·002	1·008	·884
Ratnagiri	1·032	·988	·928	·864	·837	·780	·829	·839	·867	·915	·947	·944	·898
Belgaum	1·045	·989	·927	·882	·836	·830	·883	·889	·916	·974	1·002	·998	·931
Vizagapatam ...	1·092	1·021	·949	·891	·763	·663	·672	·668	·802	·933	1·001	1·023	·873
Secunderabad ...	1·064	·993	·912	·849	·747	·716	·741	·740	·826	·925	1·000	1·011	·878
Masulipatam ...	1·064	·992	·933	·884	?	?	?	·813	·912	1·004	1·061	1·087	?
Bellary	1·035	·951	·879	·812	·763	·779	·815	·813	·856	·934	·994	·987	·885
Bangalore	1·036	·965	·916	·845	·802	·828	·855	·860	·883	·944	·992	·997	·910
Madras	1·062	1·007	·966	·911	·803	·782	·799	·809	·865	·940	·996	1·005	·912
Salem	1·050	·991	·948	·885	·835	·853	·864	·875	·902	·964	·997	1·007	·931
Coimbatore ...	1·023	·966	·925	·868	·828	·860	·880	·893	·901	·950	·983	·984	·922

TABLE VI.—MEAN MONTHLY PRESSURES OF 1877 REDUCED TO SEA-LEVEL.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Trichinopoly ...	1·035	·985	·939	·878	·812	·816	·829	·837	·871	·936	·971	·977	·907
Negapatam ...	1·040	·997	950	·893	·816	·808	·819	·839	·865	·920	·948	·950	·904
Madura	1·022	·955	·931	·874	·820	·829	·813	·829	·864	·925	·952	·948	·897
Cochin	·996	·981	·961	·848	·879	·920	·902	·912	·936	·966	·937	·917	·930
Colombo	·967	·959	·926	·880	·860	·922	·921	·934	·930	·952	·939	·904	·925
Jaffna	1·017	·979	·940	·884	·811	·824	·837	·842	·868	·924	·944	·937	·901
Trincomalee ...	1·010	·977	·952	·899	·846	·847	·855	·871	·898	·963	·960	·937	·918
Batticaloa	1·011	·998	·955	·899	·840	·856	·854	·865	?	?	?	?	?
Hambantota ...	·910	·918	·883	·900	·838	·896	·862	·895	·892	·913	·901	·877	·890
Galle	·950	·940	·904	·865	·848	·901	·898	·916	·915	·934	·915	·879	·905
Kandy	·956	·930	·887	·907	·850	·882	·885	·892	·890	·916	·902	·883	·897
Akyab	1·086	1·023	·962	·907	·818	·710	·695	·694	·868	·953	1·008	1·036	·897
Thyetmyo	?	?	?	?	?	?	?	?	?	?	·996	·992	?
Bassein	1·056	·996	·936	·885	·804	·771	·784	·759	·879	·916	·961	·976	·894
Rangoon	1·056	1·003	·944	·895	·809	·802	?	·785	·930	·940	·964	·967	?
Moulmein	1·077	1·021	·936	·896	·817	·819	·815	·807	?	?	?	?	?
Mergui	?	?	?	?	?	?	?	?	·921	·939	·929	·929	?
Port Blair	1·025	·993	·958	·916	·844	·836	·845	·843	·910	·943	·953	·952	·918
Nancowry	·995	·980	·944	·901	·866	·887	·891	·899	·922	·954	·939	·929	·926

TABLE VII.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1877 (109 STATIONS).

Also average direction and movement in past years.

1.—BUSHIRE, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	13	10	4	7	7	7	6	7	10	14	11	7
North-East ...	11	16	8	3	1	1	2	1	1	5	6	15
East	6	11	2	3	...	1	...	2	2	2	8	8
South-East ...	2	...	7	3	...	...	1	...	...	3	15	10
South	9	4	6	5	...	4	5	2	1	...	...	1
South-West ...	9	6	5	2	6	6	9	4	3	22	1	3
West	3	2	6	13	21	13	23	25	37	10	9	...
North-West ...	9	7	24	23	27	28	16	21	6	6	10	18
Calm	...	...	...	1	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	17	38	30	48	79	67	63	71	71	36	21	37
Resultant { Direction ...	N. 3° W.	N. 32° E.	N. 49° W.	N. 54° W.	N. 63° W.	N. 61° W.	N. 80° W.	N. 66° W.	N. 74° W.	N. 80° W.	N. 29° E.	N. 28° E.
Mean daily movement in miles	...	...	...	202·7	...	317·2	229·6	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

2.—LEH, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	7	5	13	3	9	2	1	3	...	4	3	...
North-East ...	10	4	3	4	4	1	...	8	2	3	2	2
East	3	3	...	...	...	...	2	...	...	1	...	2
South-East ...	3	3	3	12	6	...	2	2	...	2	1	11
South	19	17	5	10	14	13	7	10	15	14	9	10
South-West ...	15	16	26	14	14	13	13	5	24	24	37	28
West	4	5	9	11	11	26	32	24	16	12	7	9
North-West ...	1	2	3	6	4	5	5	10	3	2	1	...
Calm	...	1	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	28	42	43	38	35	69	70	44	73	58	77	65
Resultant { Direction ...	S. 10° W.	S. 25° W.	S. 72° W.	S. 37° W.	S. 51° W.	S. 67° W.	S. 72° W.	N. 88° W.	S. 50° W.	S. 46° W.	S. 46° W.	S. 26 °W.
Mean daily movement in miles	27·2	40·6	57·7	70·9	70·0	48·3	38·4	26·2	22·6	34·7	64·7	20·1
Average Resultant { Percentage...	57	59	40	47	36	44	37	23	45	51	68	76
Average Resultant { Direction ... 4 years.	S. 6° W.	S. 11° W.	S. 28° W.	S. 22° W.	S. 40° W.	S. 52° W.	S. 57° W.	S. 55° W.	S. 29° W.	S. 37° W.	S. 27° W.	S. 17° W.
Average daily movement in miles ...	...	...	...	...	...	...	...	...	...	...	...	...

3.—PESHAWAR, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	2	4	6	7	7	5	8	10	10	3	5	4
North-East ...	3	5	6	6	8	6	5	6	6	2	4	3
East	14	3	15	17	17	25	29	21	24	27	5	2
South-East ...	6	8	5	8	5	8	6	11	4	12	10	6
South	10	14	6	4	5	1	2	1	4	1	11	11
South-West ...	11	4	8	4	4	6	7	5	5	5	11	9
West	6	2	3	3	2	3	1	3	5	4	4	4
North-West ...	8	11	2	8	5	...	...	5	2	2	2	14
Calm	2	5	11	3	9	6	4	...	...	6	8	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	20	13	21	27	30	46	50	38	36	47	28	21
Resultant {Direction ...	S. 4° E.	S. 3° W.	S. 74° E.	N. 74° E.	N. 75° E.	S. 87° E.	N. 89° E.	N. 77° E.	N. 76° E.	S. 76° E.	S. 6° E.	S. 65° W.
Mean daily movement in miles	35·7	89·1	92·4	95·7	97·0	98·9	113·5	113·7	90·6	87·6	70·4	84·4
Average Resultant {Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant {Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

4.—MURREE, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	1	1	2	2	4	1	...	2	1	...	...	...
North-East ...	15	12	9	11	10	11	6	6	9	5	8	16
East	30	13	13	26	16	8	5	3	...	2	6	5
South-East ...	9	14	11	8	12	12	7	6	6	9	11	21
South	...	6	9	2	4	8	6	13	18	17	18	12
South-West ...	1	9	10	3	7	14	26	17	15	16	9	1
West	4	...	4	5	3	...	1	4	2	3	1	...
North-West ...	2	1	2	2	3	1	4	3	1	1	...	...
Calm	...	...	2	1	3	5	7	8	8	9	7	7
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	67	40	33	52	35	29	38	35	42	49	49	56
Resultant {Direction ...	N. 82° E.	S. 66° E.	S. 46° E.	N. 87° E.	S. 79° E.	S. 35° E.	S. 20° W.	S. 18° W.	S. 6° W.	S. 6° W.	S. 25° E.	S. 62° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant {Percentage...	43	32	27	24	9	6	7	11	15	16	42	55
Average Resultant {Direction ...	S. 76° E.	S. 64° E.	S. 54° E.	S. 88° E.	S. 76° E.	S. 45° E.	S. 50° E.	S. 34° E.	S. 82° E.	S. 80° E.	N. 87° E.	S. 83 E.
6 years.												
Average daily movement in miles	...	...	...	...		...	...	...	...	...	...	...

5.—RAWALPINDI, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	6	5	6	5	3	2	2	2	...	...	...	...
North-East ...	4	9	3	3	5	6	1	2	7	8	5	6
East	3	2	4	7	6	6	10	5	...	3	1	5
South-East ...	1	3	5	3	6	4	10	11	16	5	2	1
South	1	1	1	4	3	10	5	2	1	...	...	2
South-West ...	4	3	11	7	3	5	4	9	7	8	3	4
West	11	9	9	10	12	8	5	5	7	5	18	7
North-West ...	10	7	9	9	5	5	3	3	1	1	2	7
Calm	22	17	14	12	19	14	22	23	21	32	29	30
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	30	22	22	17	6	11	21	17	20	5	26	10
Resultant { Direction ...	N. 52° W.	N. 27° W.	N. 81° W.	N. 77° W.	N. 80° W.	S. 17° W.	S. 38° E.	S. 1° E.	S. 17° E.	S. 16° E.	N. 85° W.	N. 63° W.
Mean daily movement in miles	31·6	51·9	54·1	58·9	41·7	48·4	41·0	35·0	41·9	32·6	31·2	45·5
Average Resultant { Percentage...	26	32	24	26	18	2	34	22	12	20	24	35
Average Resultant { Direction ... 8 years.	N. 69° W.	N. 80° W.	N. 68° W.	N. 70° W.	N. 49° W.	S. 3° E.	E.	S. 78° E.	S. 55° E.	S. 63° W.	S. 76° W.	N. 67° W.
Average daily movement in miles ... 3 years.	54·0	62·2	61·0	79·1	65·4	60·7	47·9	32·8	31·2	28·1	28·6	32·3

6.—SEALKOT, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	6	5	8	7	5	6	3	4	3	4	12	6
North-East ...	7	6	5	7	11	10	4	6	8	5	9	4
East	9	10	4	9	8	8	12	4	10	5	3	8
South-East ...	1	1	2	5	4	12	8	13	9	7	4	5
South	6	2	1	5	4	3	9	7	4	7	3	4
South-West ...	7	6	9	5	6	4	9	5	6	4	4	2
West	15	18	17	10	9	4	6	13	11	6	11	12
North-West ...	11	8	16	10	15	11	8	7	7	15	10	13
Calm	...	...	...	2	...	2	3	3	2	9	4	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	24	27	47	13	22	18	16	12	3	9	32	20
Resultant { Direction ...	N. 62° W.	N. 58° W.	N. 61° W.	N. 24° W.	N. 23° W.	N. 54° E.	S. 14° E.	S. 32° W.	S. 61° E.	N. 61° W.	N. 27° W.	N. 42° W.
Mean daily movement in miles	24·5	27·2	30·1	50·6	51·4	54·4	53·8	37·6	49·7	21·8	36·1	39·1
Average Resultant { Percentage...	35	44	43	21	24	10	42	20	13	20	51	46
Average Resultant { Direction ... 6 years.	N. 64° W.	N. 74° W.	N. 55° W.	N. 61° W.	N. 36° W.	N. 34° E.	N. 86° E.	N. 84° E.	N. 12° E.	N. 54° W.	N. 71° W.	N. 87° W.
Average daily movement in miles ...	...	...	...	...	...	...	...	...	...	...	...	...

7.—LAHORE, (*4 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	14	9	25	26	19	22	4	4	8	14	13	4
North-East ...	10	11	21	12	11	7	4	6	10	12	14	1
East	27	14	22	31	24	23	24	17	17	9	14	14
South-East ...	...	3	1	1	3	2	7	5	2	6	2	2
South	1	...	2	2	3	6	4	13	3	2	...	1
South-West ...	5	6	6	5	7	8	20	19	15	3	3	4
West	18	20	21	19	18	30	39	35	34	18	19	23
North-West ...	10	14	9	12	9	5	3	4	4	6	23	27
Calm	39	35	17	12	30	17	19	21	27	52	32	43
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	20	20	32	32	19	17	22	26	18	15	31	28
Resultant { Direction ...	N. 13° E.	N. 27° W.	N. 9° E.	N. 14° E.	N. 11° E.	N. 29° W.	S. 59° W.	S. 54° W.	N. 83° W.	N. 82° E.	N. 19° W.	N. 57° W.
Mean daily movement in miles	40·0	46·7	68·1	79·7	65·5	62·3	52·3	66·1	49·6	45·2	58·2	46·2
Average Resultant { Percentage...	26	36	37	28	21	10	38	39	19	15	29	24
Average Resultant { Direction ... 8-10 years.	N. 29° W.	N. 32° W.	N. 6° W.	N. 43° W.	N. 4° E.	N. 25° W.	S. 68° E.	S. 72° E.	N. 81° E.	N. 1° E.	N. 48° W.	N. 29° W.
Average daily movement miles ... ... 5-6 years.	65·4	74·0	97·0	97·9	96·1	95·4	92·2	88·2	67·0	57·6	53·9	51·9

8.—LUDHIANA, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	4	3	5	3	8	5	1	...	4	7	2	1
North-East ...	2	2	3	9	5	4	3	2	4	3	4	...
East	2	1	...	3	...	...	4	2	1	1	3	1
South-East ...	15	9	13	13	11	8	9	13	5	12	8	11
South	...	2	1	1	1	2	2	...	2	...	...	1
South-West ...	2	1	...	5	5	1	2	1	2	...	...	3
West	1	3	3	...	1	...	12	6	8	...	2	1
North-West ...	11	27	17	13	22	27	22	23	20	30	35	29
Calm	25	8	20	13	9	13	7	15	14	9	6	15
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	6	36	16	13	28	36	30	21	36	38	47	29
Resultant { Direction ...	N. 73° E.	N. 44° W.	N. 28° W.	N. 50° E.	N. 31° W.	N. 31° W.	N. 62° W.	N. 53° W.	N. 49° W.	N. 24° W.	N. 33° W.	N. 54° W.
Mean daily movement in miles	50·7	76·8	60·3	61·2	59·3	76·2	76·3	62·3	49·0	50·3	46·6	59·4
Average Resultant { Percentage...	36	55	38	24	24	8	38	17	14	43	82	59
Average Resultant { Direction ... 6 years.	N. 43° W.	N. 39° W.	N. 34° W.	N. 53° W.	N. 33° W.	N. 39° W.	S. 49° E.	S. 76° E.	N. 4° W.	N. 31° W.	N. 42° W.	S. 50° W.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

9—DELHI, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	6	5	6	3	10	3	5	12	7	8	2	2
North-East ...	2	6	10	18	11	10	3	5	8	6	5	2
East...	3	3	3	...	2	1	1	...	1	7	...	3
South-East... ...	11	3	7	8	5	9	7	7	5	8	4	7
South	2	1	1	2	...	1	...	...	...	1	...	2
South-West ...	3	3	4	7	5	4	1	8	...	2	5	4
West	11	7	8	5	5	4	6	5	4	10	6	5
North-West ...	23	26	21	15	22	26	37	24	33	17	32	28
Calm	1	2	2	2	2	2	2	1	2	3	6	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	34	51	35	23	46	35	60	47	61	28	56	37
Resultant { Direction ...	N. 56° W.	N. 39° W.	N. 29° W.	N. 9° W.	N. 22° W.	N. 34° W.	N. 42° W.	N. 41° W.	N. 28° W.	N. 22° W.	N. 50° W.	N. 54° W.
Mean daily movement in miles	57·3	89·5	85·6	86·9	94·4	112·9	159·7	132·9	115·2	60·7	62·9	77·6
Average Resultant { Percentage...	42	61	47	42	15	40	11	24	22	46	69	64
Average Resultant { Direction ... 3 years.	N. 74° W.	N. 54° W.	N. 61° W.	N. 56° W.	N. 10° W.	N. 48° W.	N. 87° W.	N. 39° W.	N. 6° W.	N. 50° W.	N. 51° W.	N. 56° W.
Average daily movement in miles ... ... 3 years.	81·2	97·7	96·4	101·3	110·6	119·5	129·9	119·4	112·0	68·3	63·2	66·3

10—SIRSA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	12	11	15	6	7	2	1	6	6	9	8	10
North-East ...	7	2	5	1	2	3	1	1	2	2	1	...
East	6	1	7	14	15	9	4	1	3	9	1	6
South-East... ...	13	7	9	13	5	8	5	2	3	5	6	10
South	5	6	7	3	3	5	6	2	3	3	4	3
South-West ...	4	5	2	3	3	5	11	11	6	4	1	1
West	5	12	4	11	18	20	31	30	29	11	10	10
North-West ...	10	12	13	9	9	8	3	9	8	10	10	11
Calm	...	...	...	...	...	...	...	...	...	9	19	11
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	14	32	21	8	14	35	57	66	54	17	23	14
Resultant { Direction ...	N. 37° E.	N. 69° W.	N. 10° E.	S. 74° E.	N. 47° W.	N. 31° W.	S. 68° W.	N. 87° W.	N. 83° W.	N. 41° W.	N. 60° W.	N. 38° W.
Mean daily movement in miles ...	66·2	101·9	110·2	124·0	121·8	152·2	165·4	138·1	128·1	104·7	81·8	64·0
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

11. Dera Ismail Khan, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	...	...	2	...	...	1	1
North-East ...	14	12	22	17	25	19	6	20	26	22	25	10
East	2	...	5	1	1	6	...	1	...	1	1	...
South-East ...	12	12	20	19	22	21	42	33	29	18	3	4
South	...	...	1	...	...	4	4	...	1	...	...	...
South-West ...	10	6	5	6	6	8	8	5	2	3	3	10
West	...	1	1	1	1	...	...	1	...	1	...	2
North-West ...	24	25	8	16	7	2	2	...	2	2	15	21
Calm	...	...	...	...	...	...	...	...	...	15	12	14
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	19	26	40	19	39	48	70	57	60	40	44	31
Resultant { Direction ...	N. 18° W.	N. 24° W.	N. 84° E.	N. 60° E.	N. 83° E.	S. 70° E.	S. 39° E.	S. 72° E.	S. 85° E.	N. 85° E.	N. 18° E.	N. 47° W.
Mean daily movement in miles	26·7	48·9	58·1	74·3	56·7	35·7	42·7	37·1	29·5	30·2	22·1	28·3
Average Resultant { Percentage...	36	34	32	22	41	50	50	56	58	42	23	16
Average Resultant { Direction ... 8-10 years.	N. 9° W.	N. 8° W.	N. 32° E.	N. 38° E.	N. 80° E.	N. 82° E.	S. 71° E.	S. 71° E.	S. 85° E.	N. 77° E.	N. 51° E.	N. 3° W.
Average daily movement in miles ... ... 6 years.	47·2	57·4	60·4	70·8	59·8	60·1	60·1	52·0	41·8	28·9	19·6	20·1

12. Mooltan, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	9	8	11	11	9	8	6	8	3	7	16	9
North-East ...	23	14	17	24	22	9	12	15	24	20	17	14
East	1	1	1	2	...	...	4	2	...	...	...	...
South-East ...	3	2	5	3	...	...	3	7	11	3	...	3
South	1	...	3	2	4	9	12	7	...	2	...	...
South-West ...	2	6	6	2	5	7	16	12	8	12	6	12
West	1	...	...	8	12	13	6	2	...	...	...	...
North-West ...	6	16	15	7	8	4	2	1	...	1	2	2
Calm	16	9	4	1	2	10	1	8	14	17	19	22
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	45	42	37	47	38	25	17	10	34	19	43	16
Resultant { Direction ...	N. 27° E.	N. 8° W.	N. 4° E.	N. 14° E.	N. 14° W.	N. 77° W.	S. 23° W.	S. 80° E.	N. 71° E.	N. 37° E.	N. 14° E.	N. 12° E.
Mean daily movement in miles	?	82·1	?	109·5	90·1	102·3	?	103·0	114·5	109·3	69·1	40·1
Average Resultant { Percentage...	35	21	19	15	21	36	40	19	40	29	8	18
Average Resultant { Direction ... 6—8 years.	N. 10° W.	N. 1° E.	N. 6° W.	N. 62° W.	N. 88° W.	S. 38° W.	S. 32° W.	S. 18° W.	S. 29° W.	S. 67° W.	N. 80° W.	N. 8° E.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

13.—AJMARE, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	4	6	1	2	6	1	2	...	1	...	...
North-East ...	1	9	5	5	1	2	1	5	9	31	15	21
East	...	3	2	...	3	...	...	1	...	...	...	...
South-East ...	26	9	1	1	1	...	...	...	...	3	10	14
South	7	2	4	11	...	2	2	...	2	...	1	...
South-West ...	9	9	14	14	23	5	28	10	10	9	16	10
West	2	3	8	9	9	39	26	38	35	13	6	...
North-West ...	1	1	10	10	14	2	...	6	4	4	10	13
Calm	16	14	10	9	9	4	4	...	...	1	2	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	52	12	31	40	50	71	80	72	64	28	12	18
Resultant { Direction ...	S. 18° E.	S. 57° E.	N. 84° W.	S. 65° W.	S. 82°W.	N. 86° W.	S. 66° W.	N. 87° W.	W.	N. 6° E.	S. 76° W.	N. 50° E.
Mean daily movement in miles	56·1	62·6	78·7	113·6	141·5	195·4	186·5	180·2	141·9	69·5	54·9	67·2
Average Resultant { Percentage..	11	12	27	49	66	67	65	58	51	27	7	11
Average Resultant { Direction ... 10 years.	N. 37° E.	N. 82° W.	S. 55° W.	S. 73° W.	S. 59° W.	S. 58° W.	S. 58° W.	S. 68° W.	S. 72° W.	N, 87° W.	N. 14° E.	E.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

14.—CHAKRATA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	3	...	1	2	5	...	3	...	...	...	...	...
North-East ...	9	3	2	5	1	...	3	1	...	...	1	11
East	10	21	26	20	16	9	3	1	4	13	15	25
South-East ...	8	2	1	2	2	2	...	1	1	1	...	1
South	1	2	2	...	1	3	...	2	...	...	2	2
South-West ...	11	2	8	2	3	7	9	3	3	3	1	1
West	13	19	18	22	27	33	38	42	44	42	34	14
North-West ...	1	2	...	6	5	4	6	10	2	...	5	2
Calm	6	5	4	1	2	2	...	2	6	3	2	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	7	5	12	12	25	52	70	78	71	49	38	30
Resultant { Direction ...	S. 7° E.	S. 64° E.	S. 37° E.	N. 21° W.	N. 72° W.	S. 78° W.	N. 86° W.	N. 87° W.	S. 88° W.	S. 85° W.	N. 86° W.	S. 72° E.
Mean daily movement in miles	88·0	85·2	128·6	135·1	160·0	146·7	151·3	131·3	90·5	88·6	94·9	110·7
Average Resultant { Percentage...	6	4	7	21	22	41	36	37	27	23	28	13
Average Resultant { Direction ... 6—8 years.	S. 29° E.	S. 56° E.	S. 20° E.	S. 57° W.	S. 42° W.	S. 53° W.	S. 51° W.	S. 55° W.	S. 50° W.	S. 28° W.	S. 29° W.	S. 18° W.
Average daily movement in miles... ... 5—6 years.	120·0	126·5	135·2	124·6	120·4	109·7	98·9	88·5	100·3	116·1	105·9	103·6

15.—DEHRA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	8	8	8	17	15	13	16	8	19	16	10	9
North-East ...	1	1	3	3	6	3	4	3	13	13	7	8
East	5	6	8	11	19	13	3	5	3	5	3	4
South-East... ...	1	3	3	6	5	4	2	11	3	3	1	6
South	11	10	5	6	1	4	5	15	2	5	1	7
South-West ...	4	3	3	2	4	8	2	3	1	4	4	5
West	13	14	11	11	9	12	12	13	3	7	7	8
North-West ...	1	2	2	4	...	1	3	...	13	5	6	4
Calm	6	6	13	...	...	2	5	4	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	23	18	6	18	32	6	30	24	57	33	40	5
Resultant { Direction .	S. 63° W.	S. 65° W.	N. 45° W.	N. 11° E.	N. 52° E.	N. 7° W.	N. 32° W.	S. 1° W.	N. 2° E.	N. 9° E.	N. 20° W.	N. 10° W.
Mean daily movement in miles	...	...	...	...	...	...	...	...	56·2	53·6	56·3	47·1
Average Resultant { Percentage...	20	22	27	24	26	17	12	8	15	16	17	20
Average Resultant { Direction ... 9-10 years.	S. 72° W.	S. 67° W.	S. 79° W.	S. 74° W.	S. 58° W.	S. 66° W.	S. 67° W.	S. 56° W.	N. 61° W.	N. 64° W.	N. 78° W.	N. 89° W.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

16.—ROORKEE, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	1	...	...	1	...	2	1	1	...	...	...	...
North-East ...	3	...	1	2	1	1	1	2	1	1	1	2
East	1	1	5	4	4	1	3	...	1	2	...	...
South-East ...	15	15	19	17	16	25	15	25	18	20	20	16
South	1	2	...	1	1	1	...	2	...	7	3	1
South-West ...	8	5	7	1	7	4	3	2	2	3	1	3
West	1	2	3	3	3	3	7	...	1	1	1	1
North-West ...	24	27	24	27	26	14	26	21	33	14	27	24
Calm	8	4	2	4	4	7	4	7	4	14	7	15
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	17	24	10	16	17	17	25	8	29	21	10	13
Resultant { Direction ...	N. 74° W.	N. 77° W.	S. 83° W.	N. 35° W.	N. 80° W.	S. 29° E.	N. 61° W.	S. 36 E.	N. 49° W.	S. 17° E.	N. 72° W.	N. 62° W.
Mean daily movement in miles	52·7	89·5	71·5	74·7	85·6	105·1	91·1	84·8	79·3	50·4	46·0	60·6
Average Resultant { Percentage...	15	24	22	7	8	13	33	23	9	11	5	
Average Resultant { Direction ... 10 years.	N. 66° W.	N. 37° W.	N. 54° W.	N. 77 W.	N. 81° W.	S. 18 E.	S. 40° E.	S. 34° E.	S.	S. 30 E.	S. 18° E.	N. 74° W.
Average daily movement in miles ... ... 6-7 years.	60·6	74·5	71·3	75·3	93·8	106·9	78·0	65·5	58·8	35·8	31·3	35·7

17.—RANIKHET, *(2 observations daily)*.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	9	3	2	...	...	4	1	2	...	1	...	1
North-East ...	11	6	9	12	3	5	5	...	1	9	4	10
East	4	3	3	1	...	2	...	2	2	1	2	4
South-East ...	4	2	2	...	...	...	...	...	2	3	...	3
South	...	...	3	2	1	5	...	...	1	...	2	1
South-West ...	8	10	12	21	30	26	50	29	43	34	20	11
West	17	21	19	17	16	10	4	19	7	6	2	1
North-West ...	1	...	7	5	3	2	...	1	1	2	2	1
Calm	8	11	5	2	9	4	2	9	3	6	28	30
Variable	...	...		...	...	...	...	...	...	...	...	...
Resultant { Percentage ..	20	35	35	44	67	40	76	68	77	45	29	7
Resultant { Direction ...	N. 44° W.	S. 86° W.	N. 89° W.	S. 79° W.	S. 64° W.	S. 59° W.	S. 49° W.	S. 63° W.	S. 47° W.	S. 52° W.	S. 47° W.	S. 60° E.
Mean daily movement in miles	...	...	...	61·7	62·5	74·5	123·0	71·9	77·8	59·9	25·9	37·4
Average Resultant { Percentage...	17	25	47	48	43	43	22	31	37	49	38	19
Average Resultant { Direction ... 6-8 years.	N. 89° W.	S. 62° W.	S. 52° W.	S. 66° W.	S. 63° W.	S. 69° W.	S. 77° W.	S. 72° W.	S. 61° W.	S. 53° W.	S. 56° W.	S. 60° W.
Average daily movement in miles ... ... 5-6 years.	92·6	92·6	113·3	113·9	107·9	101·5	162·0	150·3	136·4	116·6	99·5	95·0

18.—MEERUT, *(2 observations daily)*.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	3	...	...	...	...	...	...	...	...	...	4	2
North-East	...	1	6	9	...	2	4	3	...	3	1	1
East	7	7	9	3	2	5	11	11	4	7	...	4
South-East ...	...	...	...	...	1	1	2	2	4	2	4	7
South	...	...	...	...	...	...	...	...	...	...	...	1
South-West ...	...	...	...	...	...	3	2	...	...	...	1	1
West	18	31	24	15	19	20	36	20	33	10	5	4
North-West ..	5	2	1	6	15	17	1	15	10	4	31	28
Calm	29	15	22	27	25	12	4	11	9	36	14	12
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	26	44	20	24	46	48	38	32	56	7	56	35
Resultant { Direction ...	N. 66° W.	N. 85° W.	N. 67° W.	N. 43° W.	N. 70° W.	N. 69° W.	N. 88 W.	N. 55° W.	N. 83° W.	N. 33° W.	N. 46° W.	N. 43° W.
Mean daily movement in miles	40·8	61·4	52·8	48·6	54·3	54·3	62·9	61·1	50·7	36·2	36·1	44·7
Average Resultant { Percentage...	51	61	45	50	41	33	33	13	22	41	50	51
Average Resultant { Direction ... 8 years.	N. 43° W.	N. 52° W.	N. 47° W.	N. 45° W.	N. 27° W.	N 4° W.	N. 68° E.	N. 36° E.	N. 4° E.	N. 48° W.	N 52° W.	N. 53° W.
Average daily movement in miles ... ... 3-5 years.	55·7	68·7	67·2	58·5	71·9	69·2	61·5	54·7	60·0	40·7	32·3	45·4

19.—BAREILLY, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	1	...	...	...	...	1	...	...	...	...
North-East ...	5	...	2	2	1	5	3	8	3	6	1	3
East	2	5	4	3	6	...	3	4	3	2	...	1
South-East ...	5	4	8	5	6	19	7	10	13	18	8	10
South	1	...	...	...	...	...	...	...	2	...	...	...
South-West ...	9	12	10	6	9	4	5	7	6	4	5	6
West	12	13	10	10	15	5	7	6	5	...	2	4
North-West ...	11	17	17	22	15	19	24	10	26	16	38	28
Calm	17	5	10	12	10	8	13	16	2	16	6	10
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	28	46	29	40	34	7	33	4	24	8	53	33
Resultant { Direction ...	N. 89° W.	N. 88° W.	N. 85° W.	N. 67° W.	N. 88° W.	N. 81° W.	N. 59° W.	N. 37° W.	N. 69° W.	E.	N. 55° W.	N. 59° W.
Mean daily movement in miles	75·0	107.6	106·0	103·4	117·4	121·4	121·2	75·6	83·4	?	?	97·7
Average Resultant { Percentage...	36	42	42	34	7	22	33	19	15	24	41	44
Average Resultant { Direction ... 8 years.	N. 54° W.	N. 64° W.	N. 54° W.	N. 56° W.	N. 55° W.	S. 83° E.	S. 66° E.	S. 64° E.	N. 81° E.	N. 62° W.	N. 54° W.	N. 65° W.
Average daily movement in miles ... 5·7 years.	60·0	90·3	92·6	95·1	108·6	107·6	78·8	75·9	71·6	41·0	42·3	51·6

20.—AGRA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	2	3	7	...	2	5	2	3	3	16	11	13
North-East ...	4	1	7	2	3	7	1	3	1	5	3	4
East	7	3	6	...	4	4	8	11	10	3	3	14
South-East ...	9	4	8	12	3	3	2	7	1	1	3	3
South	...	...	5	6	1	1	2	1	5	5	3	2
South-West ...	...	1	1	8	9	2	9	8	6	...	6	2
West	27	34	23	22	33	30	27	23	31	23	23	19
North-West ...	6	6	4	2	3	8	4	5	3	9	7	5
Calm	7	4	1	8	4	...	7	1	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	25	58	17	43	54	47	43	23	44	48	46	24
Resultant { Direction ...	N. 80° W.	N. 82° W.	N. 71° W.	S. 48° W.	S. 84° W.	N. 67° W.	S. 81° W.	S. 78° W.	S. 81° W.	N. 48° W.	N. 66° W.	N. 20° W.
Mean daily movement in miles	64·4	86·4	96·4	112·8	127·3	147.7	139·0	...	...	...	...	...
Average Resultant { Percentage...	35	42	39	45	31	24	19	6	14	39	31	24
Average Resultant { Direction ... 10 years.	N. 63° W.	N. 69° W.	N. 67° W.	N. 79° W.	N. 68° W.	N. 54° W.	N. 55° E.	S. 25° E.	N. 23° W.	N. 85° W.	N. 87° W.	N. 62° W.
Average daily movement in miles ... 6·7 years.	85·0	93·6	106·6	114·3	147·7	134·2	116·8	106·5	86·2	62·8	55·6	56·1

21.—LUCKNOW, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	2	1	4	3	2	2	2	2	3	3	3	...
North-East ...	3	...	2	7	1	4	8	6	6	10	3	7
East	1	1	2	3	5	10	5	14	3	9	...	...
South-East ...	7	7	9	6	9	15	8	12	6	6	...	7
South	8	5	1	7	7	3	1	4	4	4	3	2
South-West ...	9	4	9	4	7	2	7	4	3	5	4	1
West	...	16	5	10	11	3	19	8	13	2	14	4
North-West ...	32	22	30	20	20	21	12	12	22	23	33	39
Calm	...	...	...	...	...	...	...	...	...	...	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	36	51	42	28	29	10	27	11	38	24	74	54
Resultant { Direction ...	N. 70° W.	N. 82° W.	N. 61° W.	N. 62° W.	S. 85° W.	N. 42° E.	N. 74° W.	S. 85° E.	N. 57° W.	N. 6° W.	N. 59° W.	S. 42° W.
Mean daily movement in miles	50·0	76·0	77·0	85·2	87·0	101·0	117·0	102·0	87·0	52·0	42·0	45·0
Average Resultant { Percentage	51	52	59	44	12	9	26	16	10	41	64	70
Average Resultant { Direction ... 7-9 years.	N. 74° W.	N. 70° W.	N. 63° W.	N. 56° W.	N. 31° W.	S. 31° E.	S. 52° E.	S. 12° E.	S. 72° E.	N. 52° W.	N. 61° W.	N. 68° W.
Average daily movement in miles ... 5-6 years.	56·6	71·6	85·3	89·8	100·6	101·1	105·5	66·7	69·7	43·8	31·0	32·5

22.—GORAKHPUR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July	August.	September.	October.	November.	December.
North	2	...	1	1	...	5	...	...	...	...	...	...
North-East ...	11	4	3	5	6	4	10	10	2	5	4	2
East	3	1	2	5	3	14	1	7	2	3	...	4
South-East ...	9	9	8	13	28	27	21	30	32	12	6	1
South	...	...	...	...	...	1	1	...	...	...	...	...
South-West ...	4	2	5	3	1	...	7	11	5	2	...	3
West	22	28	21	17	6	7	9	...	9	1	3	16
North-West ...	11	12	22	16	18	2	13	4	10	17	15	8
Calm	...	...	...	...	...	...	...	...	...	22	32	28
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	28	50	51	22	14	49	7	50	31	9	19	29
Resultant { Direction ...	N. 62° W.	N. 83° W.	N. 73° W.	N. 70° W.	S. 65° E.	S. 68° E.	S. 3° W.	S. 52° E.	S. 20° E.	N. 6° E.	N. 35° W.	N. 76° W.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Percentage	46	43	37	19	26	56	60	35	36	28	49	53
Average Resultant { Direction ... 8 years.	S. 86° W.	N. 87° W.	N. 80° W.	N. 54° W.	N. 86° E.	S. 78° E.	S. 77° E.	S. 74° E.	S. 80° E.	N. 83° W.	N. 80° W.	N. 84° W.
Average daily movement in miles ...	...	...	...	...	...	...	...	...	...	...	...	...

23.—JHANSI, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	4	2	6	1	2	3	...	...	2	...	...	...
North-East ...	39	24	20	26	29	22	8	17	9	13	14	33
East	4	3	1	1	1	6	1	2	3	1	...	4
South-East ...	6	13	9	6	4	3	8	4	1	4	7	6
South	3	1	1	3	4	1	...	1	...	...	...	...
South-West ...	3	4	12	13	16	19	36	31	30	17	24	7
West	1	1	...	3	2	...	3	3	4	2	...	...
North-West ...	2	8	11	7	4	6	6	4	11	13	8	7
Calm	...	...	...	...	...	...	...	...	...	12	7	5
Variable	...	..	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	63	41	22	17	18	14	47	25	39	17	17	47
Resultant { Direction ...	N. 53° E.	N. 59° E.	N. 23° E.	N. 39° E.	N. 49° E.	N. 44° E.	S. 44° W.	S. 45° W.	S. 76 W.	N. 71° W	S. 51° W.	N. 49° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Percentage...	28	14	11	27	27	20	33	23	28	25	25	32
Average Resultant { Direction ... 8-10 years.	N. 20° E.	N. 35° W.	S. 74° W.	S. 86° W.	N. 80° W.	S. 80° W.	S. 67° W.	S. 79° W.	N. 52° W.	N. 28° W.	N. 12° W.	N. 22° E.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

24.—NOWGONG (IN BUNDELKHAND), (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	3	2	1	1	17	6	6
North-East ...	...	...	...	...	...	3	3	2	1	7	1	7
East	...	...	...	...	...	1	...	3	3	3	3	7
South-East ...	...	...	...	...	...	3	2	...	1	4	1	6
South	...	...	...	...	...	...	..	...	...	1	1	...
South-West ...	...	...	...	...	...	4	18	20	12	10	2	1
West	...	...	...	...	...	12	21	12	16	7	6	3
North-West ...	...	...	...	...	...	8	8	2	11	9	10	9
Calm	...	...	...	...	...	20	8	22	15	4	30	23
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	..	...	...	...	...	30	58	41	46	32	26	22
Resultant { Direction ...	...	...	...	...	...	N. 69° W.	S. 83 W.	S. 66° W.	N. 89° W.	N. 29 W.	N. 43° W.	N. 26° E.
Mean daily movement in miles	..	...	...	...	...	113·5	176·6	135·3	90·7	49·3	39·5	45·3
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

25.—SUTNA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	5	5	9	5	2	8	5	6	6	7	12	12
North-East ...	16	8	8	7	5	5	2	6	1	9	3	12
East	17	9	4	5	3	...	1	1	2	5	...	4
South-East ...	6	5	6	5	4	4	...	2	3	5	3	3
South	4	4	11	7	...	...	1	1	2	3	2	6
South-West ...	4	3	4	7	9	1	11	7	9	5	8	1
West	2	3	14	9	15	16	25	23	20	10	7	4
North-West ...	8	19	6	15	24	26	17	16	17	13	21	15
Calm	...	...	...	...	...	...	...	...	...	5	4	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage ...	40	26	12	20	51	65	70	57	58	24	39	36
Resultant { Direction ...	N. 64° E.	N. 1° W.	N. 83° W.	N. 65° W.	N. 65° W.	N. 47° W.	N. 77° W.	N. 66° W.	N. 76° W.	N. 32° W.	N. 88° W.	N. 2° W.
Mean daily movement in miles	102·4	117·4	126·1	140·5	154·9	182·0	238·6	251·8	160·5	96·7	87·7	91·2
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

26.—ALLAHABAD, (*4 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	18	...	10	11	18	25	4	11	5	5	6	8
North-East ...	25	10	17	15	6	14	13	25	9	11	...	7
East	22	11	2	15	11	21	13	13	7	12	1	7
South-East ...	7	5	5	6	9	7	5	5	3	1	2	3
South	1	...	10	14	19	2	1	5	1	2	1	1
South-West ...	8	3	14	28	26	11	29	25	24	5	8	8
West	5	56	52	10	6	9	29	18	31	4	11	11
North-West ...	19	17	6	9	15	19	16	5	11	5	13	12
Calm	19	9	7	12	14	10	14	17	29	79	78	67
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	34	45	40	10	14	29	38	6	34	11	20	14
Resultant { Direction ...	N. 29° E	N 75° W.	N. 87° W.	S. 32° W.	S. 51° W.	N. 10° E.	S. 89° W.	N. 40° W.	S. 89° W.	N. 43° E.	N. 75° W.	N. 41° W.
Mean daily movement in miles	35·4	56·6	50·1	70·4	72·7	66·1	109·2	113·6	74·6	34·1	25·3	31·4
Average Resultant { Percentage...	25	38	45	23	17	13	4	7	10	19	40	33
Average Resultant { Direction ... 8 years.	N. 51° W.	N. 81° W.	N. 83° W.	N. 67° W.	N. 50° W.	N. 23° W.	N. 33° E.	N. 72° W.	N. 10° W.	N. 58° W.	N. 85° W.	N. 79° W.
Average daily movement in miles ... ... 3-4 years.	...	...	56·5	...	84·7	71·9	106·9	91·6	70·1	31·9	25·7	26·1

27. BENARES, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	1	1	4	3	3	...	...	3	3	...	1	2
North-East ...	5	1	2	6	6	4	4	12	4	3	2	3
East	15	8	4	8	4	22	9	14	6	4	...	2
South-East ...	8	6	3	2	3	1	1	8	...	5	2	3
South	3	4	9	3	4	1	2	1	1	1	...	...
South-West ...	5	10	14	12	4	2	18	13	14	8	13	6
West	19	25	22	21	28	20	24	5	23	20	28	22
North-West ...	6	1	4	5	9	10	4	2	4	5	3	6
Calm	...	...	...	...	1	...	...	4	5	14	11	18
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	7	42	48	32	44	12	46	21	45	33	62	39
Resultant { Direction ...	S. 37° W.	S. 57° W.	S. 65° W.	S. 84° W.	N. 80° W.	N. 24° W.	S. 70° W.	S. 77 E.	S. 85° W.	S. 77° W.	S. 81° W.	N. 85° W.
Mean daily movement in miles	72·4	107·3	102·0	130·9	124·7	128·3	141·4	98·2	91·1	50·1	54·2	48·6
Average Resultant { Percentage...	26	38	44	43	21	2	10	10	5	34	34	46
Average Resultant { Direction ... 10 years.	N. 75° W.	N. 84° W.	N. 88° W.	N. 79° W.	N. 49° W.	N. 49° W.	S. 15° E.	S. 3° E.	S. 59° E.	N. 78° W.	N. 79° W.	N. 75° W.
Average daily movement in miles ... ... 6-7 years.	72·7	94·3	106·1	114·5	124·4	115·9	114·8	99·5	86·9	53·8	51·0	57·0

28. SIBSAGAR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	1	2	3	1	2	3	1	3	5	...	...	...
North-East ...	20	16	15	20	20	12	9	14	15	14	21	19
East	28	19	17	23	18	11	10	12	18	29	22	19
South-East ...	4	3	7	5	2	5	3	1	4	2	6	4
South	...	6	4	3	4	4	6	3	4	3	1	5
South-West ...	1	5	4	4	8	11	19	13	5	5	1	3
West	1	2	5	3	4	9	12	11	4	2	...	...
North-West ...	1	2	4	1	3	5	2	5	5	...	...	...
Calm	6	1	3	...	1	...	...	...	..	7	9	12
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	71	46	36	58	37	5	25	6	37	56	69	54
Resultant { Direction ...	N. 74° E.	N. 83° E.	N. 78° E.	N. 79° E.	N. 72. E.	S. 84° E.	S. 33° W.	N. 18° W.	N. 67° E.	N. 87° E.	N. 78° E.	N. 84° E.
Mean daily movement in miles	40·9	48·2	75·9	84·6	91·4	78·3	85·2	77·4	68·2	41·1	30·3	21·7
Average Resultant { Percentage...	49	45	52	49	35	9	12	5	13	38	63	43
Average Resultant { Direction ... 3-4 years.	N. 63° E.	N. 65° E.	N. 64° E.	N. 56° E.	N. 44° E.	N. 89° E.	S. 34° W.	N. 6° E.	N. 67° E.	N. 72° E.	N. 63° E.	N. 74° E.
Average daily movement in miles ... ... 4 years.	45·2	56·2	77·8	76·2	86·6	75·2	82·8	77·4	68·1	43·9	36·3	31·1

29.—GOALPARA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	1	1	4	5	2	2	1	...	...	2	...	...
North-East ...	6	4	8	6	6	3	2	3	2	1	3	3
East	23	12	16	28	21	11	12	15	10	18	15	13
South-East... ...	8	4	5	4	9	6	6	10	5	11	7	2
South	1	...	1	...	...	4	3	2	4	...	1	...
South-West ...	1	3	1	1	1	2	4	4	3	2	3	...
West	4	13	17	7	2	4	2	4	2	...	...	1
North-West ...	...	4	6	2	4	6	3	...	3	3	1	1
Calm	18	15	4	7	17	22	29	24	31	25	30	42
Variable	...	...		...	...	...	...	...	...	...	...	...
Resultant { Percentage...	46	3	15	45	42	13	19	32	18	38	33	24
Resultant { Direction ...	S. 86° E.	N. 10° W.	N. 21° E.	N. 75° E.	N. 86° E.	S. 80° E.	S. 63° E.	S. 60° E.	S. 55° E.	S. 79° E.	S. 75° E.	N. 85° E.
Mean daily movement in miles	86·1	60·6	104·9	145·9	99·1	75·5	77·2	75·0	69·3	44·9	36·2	28·0
Average Resultant { Percentage...	34	23	32	42	47	20	28	18	22	45	55	56
Average Resultant { Direction ... 8 years.	S. 89° E.	N. 87° E.	N. 82° E.	N. 88° E.	S. 85° E.	S. 76° E.	S. 55° E.	S. 9° E.	S. 68° E.	S. 85° E.	S. 87° E.	S. 88° E.
Average daily movement in miles ... ... 8-9 years.	81·7	99·1	152·7	175·0	159·5	122·2	95·7	95·5	92·2	82·8	87·4	72·8

30.—DARJEELING, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	2	2	...	...	1	1	1	1	...	1	...	...
North-East ...	1	2	...	...	...	...	...	1	1	2	1	3
East	1	...	...	...	1	1	...	...	...	...	...	2
South-East ...	6	...	...	1	3	...	1	1	...	4	1	1
South	7	5	...	4	9	22	21	16	19	19	18	16
South-West ...	24	12	14	19	21	16	13	16	21	17	19	19
West	13	23	39	31	18	18	24	23	16	11	18	16
North-West ...	7	11	9	5	9	2	2	4	3	8	3	2
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	1	1	...	...	...	...	...	...	...	...	...	3
Resultant { Percentage...	57	68	89	82	65	71	71	69	75	57	73	60
Resultant { Direction ...	S. 55° W.	S. 87° W.	S. 86° W.	S. 73° W.	68° W.	S. 44° W.	S. 50° W.	S. 57° W.	S. 46° W.	S. 48° W.	S. 48° W.	S. 44° W.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Percentage...	24	30	31	28	23	22	23	25	22	18	19	25
Average Resultant { Direction ... 10 years.	S. 50° W.	S. 65° W.	S. 67° W.	S. 68° W.	S. 51° W.	S. 14° W.	S. 12° E.	S. 13° E.	S. 23° W.	S. 48° W.	S. 38° W.	S. 38° W.
Average daily movement in miles ...	...	...	...	...	...	...	...	...	...	...	...	...

31.—PURNEAH, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	5	...	1	1	1	2	...	...	3	4	4	...
North-East ...	8	2	3	4	11	6	6	9	9	5	14	6
East	9	2	9	24	22	39	18	28	28	22	7	6
South-East ...	3	1	3	4	9	10	13	10	6	4	2	2
South	...	3	...	...	4	1	3	2	2	1	1	...
South-West ...	8	6	8	2	5	2	7	4	9	7	4	6
West	19	36	34	18	7	...	8	3	1	17	19	38
North-West ...	10	4	2	7	3	...	7	2	2	2	7	4
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	29	72	47	12	38	82	25	59	50	8	28	54
Resultant {Direction ...	N. 56° W.	S. 85° W.	S. 83° W.	N. 49° E.	S. 83° E.	S. 86° E.	S. 60° E.	S. 83° E.	S. 87° E.	N. 88° E.	N. 32° W.	N. 88° W.
Mean daily movement in miles	51·6	65·6	96·7	110·8	104·1	98·8	75·7	?	73·1	38·5	31·4	42·9
Average Resultant {Percentage...	38	70	37	...	66	...	...	...	43	14	46	64
Average Resultant {Direction ... 3 years.	N. 77° W.	S. 80° W.	N. 81° W.	...	N. 80° E.	...	...	...	S. 77° E.	N. 49° W.	N. 73° W.	N. 79° W.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

32.—DURBHANGA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.
North	...	...	2	1	3	2	...	2	...	...	...	...
North-East ...	5	2	1	6	6	9	5	10	7	3	...	2
East	13	5	10	19	29	42	24	36	39	15	5	6
South-East ...	2	4	4	4	9	4	8	5	4	4	1	5
South	...	...	1	...	1	...	2	2	...	2	5	3
South-West ...	15	10	14	5	4	2	6	4	5	10	26	16
West	23	33	27	18	6	...	9	2	4	21	22	29
North-West ...	4	2	3	7	3	1	8	1	1	7	1	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	31	59	44	6	47	82	23	66	64	22	71	55
Resultant {Direction ...	S. 73 W.	S. 76° W.	S. 71° W.	N. 6° W.	S.88° E.	N. 84° E.	S. 79° E.	N. 88° E.	S. 89° E.	S. 70° W.	S. 57° W.	S. 62° W.
Mean daily movement in miles	67·4	86·8	108·5	122·1	114·4	132·8	102·5	100·1	101·0	57·8	34·8	65·8
Average Resultant {Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant {Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

33.—PATNA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	1	...	1	1	...	...	...	...	...	...	...
North-East ...	3	1	1	3	5	1	2	1	1	2	2	...
East	16	5	6	12	33	48	33	47	44	29	13	3
South-East	3	4	3	2	...	3	...	1	1	5	3	1
South	2	1	2	...	...	1	...	...	...	3	2	...
South-West ...	3	6	4	2	1	2	1	...	...	1	2	2
West	18	35	40	38	18	3	24	11	11	18	36	53
North-West ...	6	3	2	2	2	1	1	2	2	2	...	2
Calm	11	...	4	...	2	1	1	...	1	2	2	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	7	59	58	42	28	76	15	68	55	23	35	84
Resultant {Direction ...	N. 88° W.	S. 83° W.	S. 82° W.	N. 86° W.	N. 72° E.	S. 86° E.	N. 81° E.	N. 88° E.	N. 88° E.	S. 72° E.	S. 79° W.	S. 89° W.
Mean daily movement in miles	33·1	36·8	51·2	81·3	61·5	56·0	35·0	42·0	29·2	26·5	21·8	28·3
Average Resultant {Percentage...	39	41	48	28	32	42	37	26	39	5	27	47
Average Resultant {Direction ... 8-10 years.	N. 78° W.	N. 7?° W.	N. 70° W.	N. 24° W.	N. 41° E.	N. 68° E.	N. 82° E.	S. 67° E.	S. 84° E.	N. 33° W.	N. 66° W.	N. 79° W.
Average daily movement in miles ... ... 6-7 years.	55·8	74·0	93·1	123·8	119·5	94·8	85·9	80·4	77·5	52·8	43·8	44·0

34.—GYA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	3	4	1	6	3	8	...	...	..	3	2	5
North-East ...	...	3	5	5	4	13	8	20	8	16	12	8
East	6	6	2	8	12	15	4	4	1	3	7	6
South-East ...	1	2	2	1	8	7	9	16	11	13	10	7
South	6	7	1	2	2	2	1	1	2	1	1	...
South-West ...	1	6	2	3	4	5	16	13	28	9	10	3
West	11	20	44	23	19	8	9	2	3	2	3	18
North-West ...	3	8	4	11	9	2	14	6	7	12	13	12
Calm	31	...	1	1	1	...	1	...	...	3	2	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	12	36	67	40	13	30	23	23	39	15	9	27
Resultant {Direction ...	S. 72° W.	S. 88° W.	N. 85° W.	N. 59° W.	N. 78° W.	N. 63° E.	S. 78° W.	S. 77° E.	S. 35° W.	N. 47° E.	N. 36° E.	N. 45° W.
Mean daily movement in miles	...	64·5	42·6	92·4	101·1	91·0	104·8	80·5	90·4	50·2	41·0	47·0
Average Resultant {Percentage...	14	33	36	26	24	35	27	20	32	2	16	28
Average Resultant {Direction ... 6-8 years.	N. 59° W.	N. 85° W.	N. 89° W.	N. 60° W.	N. 31° E.	N. 86° E.	S. 69° E.	S. 50° E.	S. 76° E.	N. 48° W.	N. 28° W.	N. 65° W.
Average daily movement in miles ... ... 5-7 years.	45·8	62·5	75·1	85·2	92·1	82·2	72·2	57·3	57·6	35·4	33·8	36·8

35.—HAZARIBAGH, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	3	...	...	1	...	5	1	5	...	5	5	...
North-East ...	4	2	...	1	...	4	3	14	4	2	1	1
East	7	3	2	...	...	9	4	12	7	5	1	2
South-East ...	9	4	2	2	7	5	5	4	6	11	1	2
South	5	1	3	2	3	2	1	...	2	3	2	2
South-West ...	4	4	10	6	5	4	5	5	5	4	1	5
West	8	21	25	24	18	14	23	13	22	9	16	15
North-West ...	19	19	20	24	28	17	20	9	14	23	33	33
Calm	3	2	...	...	1	...	...	...	...	...	...	2
Variable	...	...	...	...	...	...	..	...	...	...	...	...
Resultant { Percentage...	15	56	69	74	60	30	52	24	36	27	76	67
Resultant { Direction ...	N. 58° W.	N. 75° W.	N. 86° W.	N. 76° W.	N. 77° W.	N. 50° W.	N. 74° W.	N. 7° E.	N. 82° W.	N. 57° W.	N. 56° W.	N. 66° W.
Mean daily movement in miles	109·5	145·2	174·9	186·0	210·3	197·3	249·0	202·7	194·7	123·6	106·3	136·2
Average Resultant { Percentage...	52	63	62	44	22	22	18	13	22	38	61	63
Average Resultant { Direction ... 8-10 years.	N. 64° W.	N. 69° W.	N. 78° W.	N. 73° W.	S. 89° W.	S. 30° W.	S. 13° E.	S. 41° W.	S. 57° E.	N. 47° W.	N. 49° W.	N. 58° W.
Average daily movement in miles ... ... 8-9 years.	112·7	143·2	157·9	175·7	201·6	212·9	201·2	174·5	163·5	113·7	91·9	97·5

36.—BERHAMPORE, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	18	7	2	7	3	3	2	4	...	7	18	20
North-East ...	7	4	3	2	6	7	7	4	1	10	8	...
East	3	1	3	7	7	21	7	13	4	14	...	...
South-East ...	3	1	1	5	3	9	7	11	4	4	1	...
South	...	1	5	6	9	8	10	13	19	1	1	...
South-West ...	3	6	19	14	23	11	17	9	26	4	8	6
West	6	12	19	9	6	...	9	3	5	10	9	9
North-West ...	22	24	10	10	5	1	3	5	1	12	15	27
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	59	63	56	24	33	46	31	32	70	26	55	76
Resultant { Direction ...	N. 22° W.	N. 54° W.	S. 77° W.	S. 74° W.	S. 37° W.	S. 61° E.	S. 19° W.	S. 33° E.	S. 23° W.	N. 9° E.	N. 35° W.	N. 43° W.
Mean daily movement in miles	?	...	...	...	...	125·0	127·3	116·0	138·1	63·4	48·4	51·0
Average Resultant { Percentage...	49	41	43	26	36	49	53	45	38	19	51	61
Average Resultant { Direction ... 10 years.	N. 35° W.	N. 65° W.	S. 79° W.	S. 8° W.	S. 35° E.	S. 37° E.	S. 44° E.	S. 45° E.	S. 45° E.	N. 3° W.	N. 26° W.	N. 26° W.
Average daily movement in miles ... ... 5-8 years.	36·3	46·4	62·1	109·5	140·4	129·1	122·9	97·4	87·5	44·6	33·2	31·0

37. BURDWAN, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	25	14	7	3	1	2	3	4	...	13	22	24
North-East... ...	5	4	2	1	1	7	1	4	2	15	3	3
East	3	2	1	5	2	10	5	19	5	6	...	...
South-East ...	4	1	1	6	7	14	9	12	10	4	2	...
South	4	2	12	11	20	17	14	9	28	8	...	4
South-West ...	2	1	9	8	9	4	10	4	9	3	4	4
West	4	9	18	17	17	2	14	6	5	4	13	4
North-West ...	13	17	12	9	2	2	5	4	1	8	12	22
Calm	2	6	...	...	3	2	1	...	...	1	4	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	48	54	48	37	53	47	38	35	66	29	59	65
Resultant { Direction ...	N. 10° W.	N. 32° W.	S. 86° W.	S. 60° W.	S. 31 W.	S. 41° E.	S. 32° W.	S. 60° E.	S. 2° E.	N. 25° E.	N. 36° W.	N. 36° W.
Mean daily movement in miles	51·0	57·3	84·7	81·6	109·8	108·5	103·0	95·8	101·4	48 8	36·4	52·1
Average Resultant { Percentage...	35	49	44	46	57	58	47	47	42	39	67	65
Average Resultant { Direction ... 4-5 years.	N. 38° W.	N. 57° W.	S. 72° W.	S. 39° W.	S. 4° W.	S. 16° E.	S. 21° E.	S. 40° E.	S. 16° E.	N. 16° E.	N. 15° W.	N. 25° W.
Average daily movement in miles ... ... 4-5 years.	49·4	60·7	85·2	122·5	161·7	124·8	121·1	96·2	86·4	54·9	42·8	46·3

38. JESSORE, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	27	18	1	...	...	2	2	1	...	8	23	27
North-East ...	3	6	...	...	2	3	2	1	1	9	6	3
East	2	1	...	3	...	3	3	6	2	5	1	...
South-East ...	7	4	4	14	12	19	7	19	14	12	10	4
South	...	...	17	16	29	27	19	14	26	10	6	2
South-West ...	6	5	20	14	15	3	11	8	8	4	1	...
West	2	4	6	9	2	2	14	8	7	5	3	3
North-West ...	14	18	14	4	1	1	4	5	2	9	10	23
Calm	1	...	...	...	1	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	49	56	58	57	74	67	47	45	66	9	34	69
Resultant { Direction ...	N. 13° W.	N. 23° W.	S. 50° W.	S. 15° W.	S. 4° W.	S. 20° E.	S. 29° W.	S. 6° E.	S. 2° W.	S. 84° E.	N. 4° E.	N. 19° W.
Mean daily movement in miles	39·7	55·6	75·4	91·3	108·1	107·4	87·0	123·0	81·6	38·6	31·7	42·6
Average Resultant { Percentage...	50	41	42	55	65	70	70	62	65	26	54	67
Average Resultant { Direction ... 10 years.	N. 21° W.	N. 63° W.	S. 66° W.	S. 12° W.	S. 7° E.	S. 18° E.	S. 16° E.	S. 16° E.	S. 23° E.	N. 63° E.	N. 1° E.	N. 10° W.
Average daily movement in miles ... ... 6-7 years.	43·5	55·7	82·2	120·2	124·6	124·0	114·2	100·2	84·3	56·8	43·2	4[illegible]·5

39.—DACCA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	10	8	3	1	1	1	...	2	1	5	4	14
North-East ...	8	8	...	1	3	3	...	...	1	1	5	5
East	6	1	...	4	5	8	6	1	...	2	...	...
South-East ...	3	1	4	9	12	11	18	36	16	11	5	1
South	6	1	23	28	29	28	32	5	17	6	7	2
South-West ...	3	5	19	8	9	5	3	7	11	2	5	6
West	12	15	4	...	1	...	1	1	1	1	...	4
North-West ...	9	9	4	...	1	...	...	3	...	3	9	23
Calm	5	5	2	5	1	4	2	7	13	30	25	7
Variable	...	...	2	...	...	...	...	...	...	1	...	...
Resultant { Percentage...	22	43	62	69	66	65	80	59	58	15	5	54
Resultant { Direction ...	N. 30° W.	N. 50° W.	S. 28° W.	S. 8° E.	S. 11° E.	S. 22° E.	S. 18° E.	S. 30° E.	S. 5° E.	S. 39° E.	S. 87° W.	N. 37° W.
Mean daily movement in miles	61·1	69·6	106·5	119·7	132·1	131·5	171·4	146·0	132·8	53·5	42·5	59·8
Average Resultant { Percentage...	34	36	54	57	60	74	80	70	57	4	38	45
Average Resultant { Direction ... 10 years.	N. 50° W.	S. 79° W.	S. 22° W.	S. 8° E.	S. 21° E.	S. 19° E.	S. 21° E.	S. 16° E.	S. 78° E.	N. 74° E.	N. 17° W.	N. 34° W.
Average daily movement in miles ... ... 9 years.	52·6	67·2	113·4	158·5	157·9	186·3	188·4	147·9	117·7	59·0	43·9	47·8

40.—SILCHAR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	1	...	2	1	1	1	5	2	3	3	1	2
North-East ...	3	4	7	5	5	4	7	6	5	8	10	4
East	16	16	18	20	10	15	6	9	2	6	6	5
South-East ...	8	3	3	...	1	1	1	...	1	1	2	2
South	2	2	3	3	...	2	...	1	1	...	1	...
South-West ...	6	9	7	4	2	...	2	3	5	3	1	...
West	...	6	5	2	4	2	8	7	5	4	...	1
North-West ..	1	...	1	1	4	2	2	2	8	4	2	...
Calm	25	16	16	24	35	33	31	32	30	33	37	48
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	33	21	24	30	13	26	15	9	18	15	23	14
Resultant { Direction ...	S. 67° E.	S. 48° E.	S. 81° E.	S. 88° E.	N. 49° E.	N. 80° E.	N. 5° E.	N. 31° E.	N. 49° W.	N. 22° E.	N. 63° E.	N. 68° E.
Mean daily movement in miles	33·9	41·9	73·1	77·2	74·2	74·1	70·8	79·7	44·5	32·2	28·5	27·7
Average Resultant { Percentage...	29	25	24	22	11	9	1	8	4	10	26	37
Average Resultant { Direction ... 8 years.	S. 19° E.	S. 32° E.	S. 59° E.	S. 82° E.	N. 71° E.	N. 57° E.	N. 38° E.	S. 47° W.	S. 20° W.	S. 40° E.	S. 72° E.	S. 54° E.
Average daily movement in miles ... ... 6-7 years.	56·1	72·2	82·7	81·5	83·0	81·4	83·2	82·3	70·1	56·6	54·9	47·7

41.—CHITTAGONG, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	9	10	1	5	...	1	...	1	1	2	7	17
North-East ...	19	12	5	6	7	...	...	3	2	7	12	16
East	6	2	8	6	3	1	7	6	7	9	4	...
South-East... ...	...	2	3	5	7	15	17	10	6	5	...	...
South	1	3	8	14	17	14	17	20	15	6	...	...
South-West ...	4	5	14	11	19	11	13	10	14	7	5	4
West	16	13	13	6	6	12	8	6	6	10	15	10
North-West ...	6	6	4	6	1	3	...	1	2	5	6	7
Calm	1	3	6	...	2	2	...	5	7	10	11	7
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	37	31	28	21	49	53	62	49	43	7	32	51
Resultant { Direction ...	N. 9° W.	N. 31° W.	S. 44° W.	S. 20° W.	S. 14° W.	S. 19° W.	S. 3° E.	S. 3° E.	S. 10° W.	S. 14° W.	N. 32° W.	N. 12° W.
Mean daily movement in miles	103·2	115 0	127·0	149·4	164·2	150·8	187·2	162·4	132·8	62·8	64·9	72·4
Average Resultant { Percentage...	51	32	21	34	39	54	63	51	32	13	51	60
Average Resultant { Direction ... 10 years.	N. 26° W.	N. 40° W.	S. 60° W.	S. 13° W.	S. 7° W.	S. 30° E.	S. 42° E.	S. 31° E.	S. 27° E.	N. 19° W.	N. 19° W.	N. 24° W.
Average daily movement in miles ... ... 8—9 years.	114·3	124·1	153·2	184·3	171·4	181·1	183·1	151·4	119·6	84·0	91·4	100·4

42.—DEMAGREE, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	13	7	4	...	2	1	...	...	...
North-East ...	...	...	...	2	...	1	2	1	...	...	...	...
East	...	...	...	1	...	1	2	1	...	...	...	...
South-East... ...	...	...	...	8	7	15	16	12	3	...	...	...
South	...	...	...	2	8	8	8	5	...	...	...	...
South-West ...	...	...	...	6	5	1	2	1	...	...	...	...
West	...	...	...	8	6	6	1	...	...	...	...	...
North-West ...	...	...	...	8	3	5	4	2	1	...	...	...
Calm	...	...	...	12	26	19	27	38	55	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	...	...	...	21	16	19	31	21	2	...	...	...
Resultant { Direction ...	...	...	...	N. 50° W.	S. 42° W.	S. 11° E.	S. 30° E.	S. 39° E.	S. 74° E.	...	...	...
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

43.—CALCUTTA, (*4 observations daily for the first 3 months, in the rest 2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	36	22	6	1		...	1	2	...	9	20	23
North-East ...	15	14	3	1	...	...	1	5	1	6	6	6
East	1	10	...	6	3	1	2	8	4	6	3	3
South-East ...	6	3	4	3	3	6	5	11	5	5	...	...
South	18	14	55	20	30	39	28	21	45	21	3	3
South-West ...	12	9	30	22	24	11	20	12	5	11	9	7
West	21	19	9	5	1	2	4	2	...	2	10	7
North-West ...	11	21	10	2	1	1	1	1	...	2	9	13
Calm	...	...	...	...	...	...	..	...	...	...	...	...
Variable	...	..	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	27	27	61	62	81	84	73	52	86	29	44	51
Resultant {Direction ...	N. 42° W.	N. 37° W.	S. 27° W.	S. 21° W.	S. 16° W.	S. 6° W.	S. 16° W.	S. 15° E.	S. 5° E.	S. 8° E.	N. 36° W.	N. 26° W.
Mean daily movement in miles	91·6	96·6	147·3	142·1	169·4	136·3	129·6	113·3	116·1	57·3	45·2	63·0
Average Resultant {Percentage...	38	23	49	73	66	59	65	57	43	11	58	60
Average Resultant {Direction ... 15 years.	N. 38° W.	S. 81° W.	S. 32° W.	S. 3° W.	S. 11° E.	S. 4° E.	S. 11° E.	S. 17° E.	S. 27° E.	N. 48° W.	N. 17° W.	N. 26° W.
Average daily movement in miles ... ... 8-10 years.	96·0	100·1	132·4	192·4	203·9	185·2	153·4	123·4	119·8	87·4	85·1	89·2

44.—ALIPORE, (*4 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	Observations recorded from April.			3	1	4	3	9	11	24	57	34
North-East ...				8	6	4	3	9	11	13	8	6
East				11	7	2	6	12	5	8	8	7
South-East ...				15	14	29	18	10	7	5	1	2
South				40	72	57	47	18	19	20	2	4
South-West ...				32	15	18	33	23	40	13	10	15
West				7	4	1	10	7	13	21	16	7
North-West ...				3	5	5	4	36	14	20	18	47
Calm				...	...	...	...	...	...	...	...	...
Variable				...	...	...	...	...	...	...	...	...
Resultant {Percentage...				53	68	67	62	19	34	22	58	55
Resultant {Direction ...				S. 4° W.	S. 2° E.	S. 6° E.	S. 12° W.	S. 89° W.	S. 55° W.	N. 58° W.	N. 18° W.	N. 35° W.
Mean daily movement in miles				140·2	161·9	133·8	149·7	147·0	128·2	74·5	79·3	90·8
Average Resultant {Percentage...				...	...	...	...	...	...	...	...	...
Average Resultant {Direction ... 10 years.				...	...	...	...	...	...	...	...	...
Average daily movement in miles				...	...	...	...	...	...	...	...	...

45. SAUGOR ISLAND, (*4 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	40	33	6	1	1	3	3	5	1	14	25	40
North-East ...	30	31	7	4	5	1	1	7	4	18	25	29
East	9	8	2	4	6	5	...	7	12	10	3	4
South-East ...	4	4	1	7	10	12	5	12	10	9	1	4
South	15	9	42	44	48	47	40	27	52	23	13	14
South-West ...	9	10	52	52	44	43	57	39	38	24	22	9
West	7	6	7	6	6	7	12	21	2	9	8	5
North-West ...	10	11	7	2	4	2	6	6	1	16	23	17
Calm	...	...	...	...	...	...	...	...	...	1	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	37	41	61	72	66	70	74	47	68	9	29	40
Resultant { Direction ...	N. 16° E.	N. 15° E.	S. 33° W.	S. 22° W.	S. 16° W.	S. 17° W.	S. 35° W.	S. 34° W.	S. 5° W.	S. 45° W.	N. 32° W.	N. 5° E.
Mean daily movement in miles	137·7	144·9	243·6	295·4	309·8	330·2	318·8	290·4	270·4	139·3	131·0	144·7
Average Resultant { Percentage...	20	22	61	75	74	68	61	51	53	15	53	53
Average Resultant { Direction ... 8-10 years.	N. 7° E.	S. 68° W.	S. 41° W.	S. 25° W.	S. 17° W.	S. 21° W.	S. 29° W.	S. 27° W.	S. 8° W.	N. 11° E.	N.	N. 12° E.
Average daily movement in miles ... ... 6-8 years.	136·9	183·1	255·3	370·1	346·9	325·5	306·8	251·0	228·1	135·5	121·9	132·4

46. CUTTACK, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	13	8	8	1	2	...	...	...	4	9	13	11
North-East ...	15	23	3	1	1	6	1	2	9	12	11	21
East	5	6	2	1	5	1	1	1	7	8	3	10
South-East ...	3	2	2	3	3	4	3	1	5	3	...	...
South	2	6	18	15	19	17	11	6	9	7	1	2
South-West ...	4	3	11	15	19	20	19	22	13	8	2	2
West	6	2	9	16	11	8	24	26	10	9	15	6
North-West ...	9	5	9	7	2	1	2	3	3	3	6	6
Calm	5	1	...	1	...	3	1	1	...	3	9	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	37	43	33	58	57	54	73	72	17	8	41	48
Resultant { Direction ...	N. 6° E.	N. 41° E.	S. 59° W.	S. 53° W.	S. 31° W.	S. 27° W.	S. 55° W.	S. 65° W.	S. 26° W.	N. 21° E.	N. 24° W.	N. 26° E.
Mean daily movement in miles	49·9	69·8	97·8	100·1	115·0	107·1	106·2	96·1	79·8	44·8	34·9	41·1
Average Resultant { Percentage...	9	14	44	60	65	57	55	46	21	26	44	31
Average Resultant { Direction ... 10 years.	N. 64° E.	S. 9° W.	S. 19° W.	S. 16° W.	S. 6° W.	S. 28° W.	S. 42° W.	S. 48° W.	S. 7° W.	N. 30° E.	N. 17° W.	N. 5° E.
Average daily movement in miles ... ... 6-7 years.	41·5	56·5	89·7	126·9	132·8	114·3	94·0	74·2	67·2	52·5	37·7	33·7

47.—False Point, (*4 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	18	16	1	...	4	1	...	2	1	5	6	4
North-East ...	38	29	4	...	1	2	...	5	5	11	7	20
East	8	26	1	1	4	1	...	...	6	3	8	16
South-East... ...	15	8	5	5	13	10	3	3	14	8	9	8
South	4	6	19	4	13	9	8	9	14	12	2	2
South-West ...	10	3	70	73	67	54	49	35	42	10	2	2
West	1	...	11	27	9	25	35	45	5	2	9	4
North-West ...	16	13	4	6	3	2	15	11	6	4	7	2
Calm	14	11	9	3	10	16	12	11	24	39	...	3
Variable	...	...	...	1	...	...	2	3	3	2	...	...
Resultant {Percentage...	35	46	69	80	62	62	69	61	41	11	15	51
Resultant {Direction ...	N. 37° E.	N. 52° E.	S. 41° W.	S. 56° W.	S. 35° W.	S. 48° W.	S. 66° W.	S. 73° W.	S. 24° W.	S. 26° E.	N. 33° E.	N. 70° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	109·4	117·4
Average Resultant {Percentage...	21	12	61	81	73	65	66	53	39	26	53	52
Average Resultant {Direction ... 10 years.	N. 45° E.	S. 27° W.	S. 46° W.	S. 44° W.	S. 36° W.	S. 49° W.	S. 63° W.	S. 63° W.	S. 32° W.	N. 40° E.	N. 20° E.	N. 30° E.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

48.—Sambalpur, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	7	5	3	1	...	...	2	3	...	7	7	6
North-East ..	10	9	7	1	2	2	1	1	8	7	2	11
East	5	2	2	2	2	2	...	...	3	8	1	5
South-East ...	3	6	1	1	11	3	1	2	6	2	...	1
South	1	6	2	2	1	...	...	2	...	4	5	1
South-West ...	5	18	8	11	9	11	13	13	5	5	2	5
West	8	3	20	21	18	28	34	34	17	14	9	9
North-West ...	23	7	19	21	19	14	11	7	7	10	10	11
Calm	...	...	...	...	...	...	...	...	14	5	24	13
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	44	19	55	68	43	67	80	75	22	23	29	29
Resultant {Direction ...	N. 30° W.	S. 50° W.	N. 68° W.	N. 81° W.	S. 89° W.	N. 88° W.	N. 89° W.	S. 85° W.	N. 77° W.	N. 45° W.	N. 59° W.	N. 23° W.
Mean daily movement in miles	45·0	57·9	74·1	86·3	92·3	111·4	100·2	110·8	85·7	58·9	33·5	50·0
Average Resultant {Percentage...	41	20	26	35	39	38	33	46	20	35	60	60
Average Resultant {Direction ... 6 years.	N. 50° W.	N. 28° W.	S. 85° W.	S. 88° W.	S. 50° W.	S. 46° W.	S. 35° W.	S. 55° W.	S. 19° W.	N. 8° W.	N. 14° W.	N. 25° W.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

49.—RAIPUR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	7	3	...	...	...	...	...	...	1	8	4	6
North-East ...	22	41	23	23	14	11	1	5	16	17	19	11
East	1	1	2	...	...	2	...	...	...	...	3	11
South-East ...	4	1	1	7	21	5	2	2	3	5	1	2
South	1	...	1	3	2	2	...	...	4	3	6	5
South-West ...	6	3	26	20	13	18	36	31	4	8	1	5
West	4	6	8	5	6	17	10	18	14	3	...	1
North-West ...	17	1	1	2	6	5	13	6	9	8	4	2
Calm	...	..	...	...	...	...	...	...	9	10	22	19
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	43	66	14	7	21	35	74	68	23	22	31	24
Resultant { Direction ...	N. 2° W.	N. 36° E.	S. 69° W.	S. 8° E.	S. 24° E.	S. 71° W.	S. 68° W.	S. 68° W.	N. 45° W.	N. 5° E.	N. 47° E.	N. 70° E.
Mean daily movement in miles	55·4	95·3	113·4	132·3	167·3	215·7	210·9	209·0	97·3	69·2	55·9	55·7
Average Resultant { Percentage ..	18	10	8	31	40	71	81	66	33	41	58	52
Average Resultant { Direction ... 8 years.	N. 13° E.	N. 16° E.	S. 76° W.	W.	N. 73° W.	S. 71° W.	S. 69° W.	S. 77° W.	S. 49° W.	N. 33° E.	N. 24° E.	N. 39° E.
Average daily movement in miles ... ... 6-8 years.	45·6	69·1	86·9	105·6	144·4	162·9	171·9	139·7	116·5	67·7	50·6	44·5

50.—NAGPUR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December
North	5	13	4	...	8	6	2	5	6	8	5	4
North-East ...	11	10	5	2	7	2	...	...	...	10	15	13
East	14	5	1	2	7	2	...	...	1	5	8	12
South-East ...	9	10	7	6	8	1	...	...	1	3	6	2
South	4	5	10	11	5	4	1	...	2	2	1	4
South-West ...	6	1	7	11	2	10	7	2	11	5	...	5
West	...	1	11	15	10	23	26	22	11	2	1	2
North-West ...	3	4	4	3	9	10	22	28	7	3	1	1
Calm	10	7	13	10	6	2	4	5	21	24	23	17
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	35	32	21	43	12	55	77	79	37	19	40	29
Resultant { Direction ...	N. 89° E.	N. 55° E.	S. 44° W.	S. 42° W.	N. 1° W.	N. 85° W.	N. 76° W.	N. 62° W.	N. 89° W.	N. 34° E.	N. 62° E.	N. 73° E.
Mean daily movement in miles	92·4	107·5	113·1	151·2	146·6	183·1	185·6	145·7	69·0	64·0	60·0	69·0
Average Resultant { Percentage...	33	21	1	22	43	53	68	64	37	61	65	57
Average Resultant { Direction ... 8 years.	N. 80° E.	N. 62° E.	S. 37° W.	N. 72° W.	N. 46° W.	N. 76° W.	N. 89° W.	N. 75° W.	N. 45° W.	N. 36° E.	N. 65° E.	N. 70° E.
Average daily movement in miles ... ... 7-9 years.	67·0	87·7	97·7	121·7	148·5	162·9	173·9	131·9	106·7	85·0	66·9	59·7

TABLE VII.—DIRECTION AND MEAN MOVEMENT OF WINDS IN 1877.

51.—SEONI, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	2	4	...	...	...	...	...	1	2	1	...	1
North-East ...	13	23	8	5	10	6	2	2	3	14	15	26
East	3	3	...	...	...	...	...	...	...	1	9	2
South-East ..	14	7	11	14	10	1	...	...	3	20	6	22
South	3	2	...	...	...	...	...	...	...	...	...	1
South-West ...	20	9	30	27	14	25	19	18	24	13	9	...
West	...	...	...	...	...	...	...	...	...	...	...	1
North-West ...	7	8	13	14	28	28	40	41	22	2	7	1
Calm	...	...	...	...	...	...	...	...	6	11	14	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	18	31	36	37	30	55	67	72	47	29	22	56
Resultant {Direction ...	S. 15° E.	N. 44° E.	S. 50° W.	S. 45° W.	N. 58° W.	N. 80° W.	N. 42° W.	N. 65° W.	N. 89° W.	S. 53° E.	N. 68° E.	N. 84° E.
Mean daily movement in miles	71·0	40·4	80·7	119·1	116·8	110·5	140·8	117·5	77·5	102·5	72·2	82·5
Average Resultant {Percentage...	11	16	15	27	37	43	59	46	29	61	58	36
Average Resultant {Direction ... 8 years.	S. 83° E.	N. 9° E.	N. 76° W.	N. 67° W.	N. 52° W.	S. 76° W.	S. 68° W.	S. 87° W.	N. 55° W.	N. 21° E.	N. 54° E.	N. 31° E.
Average daily movement in miles ... ... 8 years.	67·8	63·4	73·1	81·7	94·0	129·7	131·9	107·7	90·5	86·1	69·1	66·8

52.—JUBBULPORE (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	24	11	3	6	2	5	2	1	1	2	3	3
North-East ...	4	4	3	1	3	3	1	2	2	11	20	18
East	1	2	1	2	4	...	...	...	1	4	3	...
South-East ...	7	3	6	2	3	2	1	1	5	8	1	6
South	12	10	20	30	21	4	...	2	8	7	7	3
South-West ..	2	...	12	6	5	8	5	5	7	9	16	14
West	7	11	11	12	14	18	37	26	13	6	...	3
North-West ...	1	11	2	1	10	19	16	24	23	15	10	15
Calm	4	4	4	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	15	27	48	52	36	53	83	75	47	9	9	18
Resultant {Direction ...	N. 2° W.	N. 51° W.	S. 27° W.	S. 24° W.	S. 47° W.	N. 74° W.	N. 79° W.	N. 74° W.	N. 86° W.	N. 76° W.	N. 6° W.	N. 35° W.
Mean daily movement in miles	37·4	47·5	67·2	107·8	...	139·2	137·4	166·1	91·6	61·0	47·5	55·9
Average Resultant {Percentage...	20	18	21	28	48	62	29	69	39	21	23	24
Average Resultant {Direction ... 8 years.	N. 2° W.	N. 22° W.	W.	N. 70° W.	N. 65° W.	S. 84° W.	S. 77° W.	S. 88° W.	N. 80° W.	N. 16° W.	N. 30° E.	N. 24° E.
Average daily movement in miles ... ... 8—9 years.	60·9	66·4	80·2	94·7	118·5	143·8	133·6	127·5	89·4	57 1	47·5	50·5

53. SAUGOR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	3	1	3	4	4	6	1	5	2	11	9	7
North-East ...	12	26	14	2	6	7	1	7	2	9	18	19
East	9	11	4	3	1	3	...	...	...	1	4	11
South-East ...	7	8	1	7	3	2	1	1	4	5	6	10
South	4	1	...	8	6	4	2	2	4	5	...	2
South-West ...	11	6	15	19	18	18	41	23	21	18	1	1
West	5	1	10	4	9	7	9	18	22	5	5	3
North-West ...	9	4	14	13	11	13	7	5	3	3	16	9
Calm	2	1	1	...	4	...	...	1	2	5	1	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	6	57	32	35	37	33	78	53	64	15	47	44
Resultant { Direction ...	N. 71° E.	N. 65° E.	N. 54° W.	S. 56° W.	S. 78° W.	N. 84° W.	S. 59° W.	S. 80° W.	S. 65° W.	S. 79° W.	N. 3° E.	N. 52° E.
Mean daily movement in miles	71·6	71·9	65·2	112·3	99·8	87·2	90·1	99·3	102·8	86·9	80·9	87·4
Average Resultant { Percentage...	19	26	29	43	59	63	75	70	42	44	43	35
Average Resultant { Direction ... 6-8 years.	N. 13° E.	N. 12° W.	N. 80° W.	N. 81° W.	N. 82° W.	S. 86° W.	S. 78° W.	S. 75° W.	N. 83° W.	N. 17° W.	N. 21° E.	N. 52° E.
Average daily movement in miles ... ... 7-8 years.	56·4	69·2	68·2	89·0	99·0	129·2	118·1	95·1	70·4	55·0	40·1	48·4

54. PACHMARHI, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	11	11	5	3	6	8	...	7	8	6	14	9
North-East ...	9	5	3	1	3	3	...	...	1	13	16	7
East	2	6	2	3	3	1	...	...	3	10	10	7
South-East ...	9	7	5	8	2	1	...	...	5	7	7	15
South	14	7	5	7	6	...	2	...	3	8	2	10
South-West ...	7	7	8	10	7	6	3	2	5	3	3	4
West	5	2	13	12	13	16	32	27	12	2	2	3
North-West ...	4	10	20	12	21	23	25	25	19	9	3	2
Calm	1	1	1	4	1	2	...	1	4	4	3	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	9	8	42	33	46	65	86	83	41	24	45	28
Resultant { Direction ...	S. 21° E.	N. 6° E.	N. 74° W.	S. 68° W.	N. 68° W.	N. 57° W.	N. 75° W.	N. 63° W.	N. 61° W.	N. 65° E.	N. 47° E.	S. 62° E.
Mean daily movement in miles	75·2	85·9	100·9	110·8	157·0	191·9	247·1	200·6	95·9	53·9	39·0	56·8
Average Resultant { Percentage...	22	31	43	51	66	64	78	71	57	54	48	13
Average Resultant { Direction ... 6-8 years.	N. 77° W.	N. 48° W.	N. 62° W.	N. 58° W.	N. 59° W.	N. 74° W.	N. 76° W.	N. 84° W.	N. 59° W.	N. 6° E.	N. 51° E.	N. 27° E.
Average daily movement in miles ... ... 5-8 years.	72·6	72·0	89·0	108·5	148·3	173·0	216·9	171·3	142·5	78·3	61·8	65·9

55.—HOSHANGABAD, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
North	4	2	1	1	1	...	...	1	...	3	...	...
North-East ...	25	24	7	1	3	1	...	1	...	18	9	18
East	16	13	6	2	1	...	...	1	...	12	24	29
South-East... ...	3	...	1	2	...	...	...	...	...	10	10	3
South	...	...	...	1	...	...	...	1	...	2	...	2
South-West ...	7	3	12	16	9	10	8	15	...	6	6	6
West	2	2	16	13	19	31	45	35	...	5	8	3
North-West ...	4	7	6	1	4	4	9	6	...	6	3	1
Calm	1	5	13	23	25	14	...	2	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	51	54	28	40	40	67	92	78	...	31	39	58
Resultant { Direction ...	N. 56° E.	N. 44° E.	N. 87° W.	S. 62° W.	S. 89° W.	S. 85° W.	N. 89° W.	S. 83° W.	...	N. 70° E.	S. 83° E.	N. 82° E.
Mean daily movement in miles	86·8	96.6	63·9	68·9	113·3	153·5	171·5	130·7	91·8	63·3	53·4	99·0
Average Resultant { Percentage...	39	15	11	20	45	66	71	67	49	26	64	62
Average Resultant { Direction ... 7—8 years.	N. 50° E.	N. 56° E.	N. 58° W.	S. 76° W.	S. 87° W.	N. 88° W.	S. 73° W.	S. 74° W.	N. 81° W.	N. 9° E.	N. 58° E.	N. 52° E.
Average daily movement in miles ... ... 7—8 years.	63·7	68·1	60·5	65·1	84·2	99·4	96·5	79·9	61·7	46·6	47·0	64·7

56.—KHANDWA, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	10	4	5	4	5	3	...	1	9	5	...	1
North-East ...	15	13	4	1	1	...	...	...	1	15	13	11
East	11	14	1	5	1	1	...	...	...	8	7	16
South-East... ...	2	4	4	1	1	...	...	...	1	5	11	10
South	5	3	4	4	5	...	...	...	4	4	3	8
South-West ...	4	2	3	3	2	1	9	1	4	5	2	3
West	12	7	19	19	21	37	34	50	15	3	3	...
North-West ..	3	9	22	23	26	18	19	10	24	9	4	6
Calm	...	...	...	...	...	...	...	...	2	8	17	7
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	24	30	54	57	68	86	88	94	64	21	28	40
Resultant { Direction ...	N. 24° E.	N. 42° E.	N. 64° W.	N. 65° W.	N. 66° W.	N. 73° W.	N. 83° W.	N. 83° W.	N. 60° W.	N. 34° E.	S. 89° E.	S. 80° E.
Mean daily movement in miles	84·8	108·8	104·3	128·2	203·4	227·8	258·3	218·1	114·1	66·3	56·4	88·8
Average Resultant { Percentage...	31	30	52	58	66	65	79	75	70	29	56	42
Average Resultant { Direction ... 5—6 years.	N. 74° E.	N. 6° E.	N. 46° W.	N. 49° W.	N. 60° W.	N. 72° W.	N. 75° W.	N. 77° W.	N. 71° W.	N. 23° E.	N. 84° E.	N. 85° E.
Average daily movement in miles ... ... 3 years.	...	...	...	142·6	235·9	247·7	235·8	202·9	145·1	80·7	59·5	69·3

57. CHIKALDA, *(2 observations daily).*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	6	6	11	1	15	14	6	37	31	15	16	8
North-East ...	1	4	1	1	3	1	1	3	1	7	2	...
East	...	2	2	...	...	...	...	...	...	7	4	...
South-East... ...	12	10	5	14	3	1	...	...	4	7	7	22
South	18	11	7	6	4	3	...	...	3	3	14	13
South-West . .	14	7	8	11	5	2	6	...	2	4	7	12
West	2	5	7	9	14	18	27	4	1	2	2	2
North-West ...	9	10	15	18	18	21	22	18	17	8	8	3
Calm	...	1	...	...	...	...	...	...	1	9	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	40	16	32	35	53	68	80	87	63	26	4	44
Resultant { Direction ...	S. 21° W.	S. 35° W.	N. 70° W.	S. 64° W.	N. 52° W.	N. 53° W.	N. 69° W.	N. 16° W.	N. 17° W.	N. 23° E.	S. 70° W.	S. 6° E.
Mean daily movement in miles	112·3	131·4	133·8	196·2	205 5	243·0	297·1	305·9	165·4	91·0	78·8	118·5
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

58. BULDANA, *(2 observations daily).*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	8	6	9	16	8	6	1		12	7	5	7
North-East ...	13	19	7	7	6	4	...	...	8	13	17	7
East	1	3	1	2	...	...	...	...	4	8	8	4
South-East ...	16	6	3	3	3	1	...	...	2	9	8	14
South	10	4	3	7	...	1	...	...	1	6	12	20
South-West ...	8	6	9	3	4	3	5	2	2	7	5	9
West	1	6	11	9	15	19	29	27	11	4	1	...
North West ...	5	6	18	13	26	25	27	31	19	7	2	1
Calm	...	...	...	...	...	...	...	...	1	1	2	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	21	23	44	37	64	70	87	89	52	17	33	43
Resultant { Direction ...	S. 61° E.	N. 29° E.	N. 55° W.	N. 31° W.	N. 49° W.	N. 57° W.	N. 72° W.	N. 66° W.	N. 28° W.	N. 68° E.	S. 82° E.	S. 27° E.
Mean daily movement in miles	...	111·6	105·7	124·5	175·3	165·4	155·7	145·4	100·9	78·5	63·2	80·6
Average Resultant { Percentage...	33	44	58	42	48	31	64	68	59	52	57	47
Average Resultant { Direction ...	N. 69° E.	N. 9° E.	N. 29° W.	N. 39° W.	N. 62° W.	N. 89° W.	N. 88° W.	N. 68° W.	N. 49° W.	N. 27° E.	N. 68° E.	N. 88° E.
4-5 years.												
Average daily movement in miles	...	104·0	106·1	135·3	180·2	143·3	141·6	115·8	100·4	72·4	67 4	71·8
3-4 years.												

59.—AKOLA (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	3	2	2	2	...	1	...	...	1	2	1	...
North-East ...	22	14	17	3	6	5	...	...	4	10	12	8
East	18	10	1	1	2	...	...	...	1	7	15	15
South-East ...	5	7	...	3	3	...	...	...	...	5	3	10
South	1	...	...	4	1	...	...	...	...	1	...	5
South-West ...	1	1	10	17	3	2	8	3	4	1	...	8
West	1	4	4	6	5	5	10	5	11	...	...	4
North-West ...	11	18	28	24	41	44	44	54	34	6	...	1
Calm	...	...	...	...	1	3	.	...	5	30	29	11
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	56	34	52	50	64	80	86	93	70	24	44	33
Resultant { Direction ...	N. 53° E.	N. 8° W.	N. 34° W.	N. 84° W.	N. 45° W.	N. 45° W.	N. 61° W.	N. 51° W.	N. 54° W.	N. 57° E.	N. 74° E.	S. 57° E.
Mean daily movement in miles	96·4	109·5	98·4	124·9	196·7	195·2	230·4	257·5	117·8	91·4	128·7	100·9
Average Resultant { Percentage...	38	30	52	57	75	76	85	90	74	38	55	58
Average Resultant { Direction ... 5 years.	N. 44° E.	N. 26° E.	N. 38° W.	N. 55° W.	N.55°W.	N. 78° W.	N. 87° W.	N. 78° W.	N. 79° W.	N. 17° E.	N. 67° E.	N. 69° E.
Average daily movement in miles ... ... 4-5 years.	93·8	96·1	105·7	146·5	212·1	197·2	199·3	189·5	135·8	80·1	89·9	78·7

60.—AMROATI (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	7	7	7	7	16	11	3	6	...	6	6	2
North-East ...	3	5	6	4	5	5	...	...	7	16	18	9
East	13	13	5	5	4	1	...	...	2	16	17	20
South-East ...	26	14	10	6	6	...	...	1	3	6	3	15
South	4	1	9	10	3	2	...	...	4	4	1	2
South-West ...	1	5	4	5	3	2	1	...	7	8	7	8
West	...	5	11	15	5	24	45	15	21	5	4	5
North-West ...	4	4	10	8	20	15	13	39	11	...	4	...
Calm	3	2	...	...	...	...	...	1	5	1	...	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	52	27	9	25	42	64	90	86	41	34	40	45
Resultant { Direction ...	S. 70° E.	S. 86° E.	N. 89° W.	S. 81° W.	N. 21° W.	N. 55° W.	N. 78° W.	N. 52° W.	N. 86° W.	N. 81° E.	N. 56° E.	S. 69° E.
Mean daily movement in miles	102·5	105·3	115·1	157·2	173·4	206·7	205·2	132·2	108·8	94·6	87·5	102 6
Average Resultant { Percentage...	23	19	41	33	56	73	82	85	48	48	60	56
Average Resultant { Direction ... 5 years.	N. 24° E.	N. 40° E.	N. 69° W.	N. 33° W.	N. 46° W.	N. 60° W.	N. 65° W.	N. 58° W.	N. 51° W.	N. 42° E.	N. 71° E.	N. 85° E.
Average daily movement in miles ... ... 3-5 years.	95·1	90·6	94·1	110·7	136·8	176·5	182·8	155·5	112·7	74·0	69·6	80·2

61. CHANDA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	5	4	3	4	7	4	1	5	15	3	3	7
North-East ...	7	8	1	2	8	4	2	1	4	14	18	10
East	13	9	4	3	2	1	...	...	4	10	20	4
South-East ...	18	12	9	16	9	5	1	...	7	7	2	12
South	7	7	14	19	12	6	3	1	1	4	...	7
South-West ...	3	8	11	5	3	10	13	8	1	3	...	2
West	6	4	7	1	3	13	23	32	11	3	2	3
North-West ...	3	2	9	5	15	15	17	15	12	3	...	2
Calm	...	2	4	5	3	2	2	...	5	15	15	15
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	37	28	33	43	5	39	68	78	36	29	59	22
Resultant { Direction ...	S. 64° E.	S. 50° E.	S. 29° W.	S. 17° E.	N. 32°W.	N. 88° W.	N. 88° W.	N. 78° W.	N. 23° W.	N. 77° E.	N. 66° E.	S. 84° E.
Mean daily movement in miles	70·8	89·6	89·7	113·1	116·4	165·5	175·2	143·0	76·8	57·6	48·9	56·1
Average Resultant { Percentage...	24	19	11	18	27	46	71	62	38	42	53	44
Average Resultant { Direction ... 6-8 years.	S. 69° E.	S. 73° E.	N. 84° W.	S. 71° W.	N. 62° W.	N. 82° W.	N. 81° W.	N. 65° W.	N. 51° W.	N. 63° E.	N. 77° E.	S. 89° E.
Average daily movement in miles ... ... 7-8 years.	46·1	57·9	67·3	79·8	102·1	128·5	132·5	103·5	74·8	47·5	38·0	36·7

62. SIRONCHA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	4	8	6	2	4	1	10	5	7	10	14	10
North-East ...	9	2	2	1	5	2	1	4	8	5	13	10
East	17	5	5	4	11	2	...	...	4	6	13	6
South-East ...	3	7	10	17	13	15	1	1	7	10	6	9
South	14	9	21	18	9	11	1	...	7	11	1	7
South-West ...	8	7	12	9	9	14	10	8	6	5	3	8
West	2	8	3	2	7	12	22	31	14	4	1	2
North-West ...	5	10	3	6	4	3	17	13	7	5	8	10
Calm	...	...	...	...	...	...	..	...	...	6	1	...
Variable	...	...	..	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	26	16	44	50	26	48	68	70	15	12	46	11
Resultant { Direction ...	S. 61° E.	S. 74° W.	S.	S. 8° E.	S. 28° E	S. 20° W.	N. 71° W.	N. 76° W.	N. 81° W.	S. 51° E.	N. 39° E.	N. 43° E.
Mean daily movement in miles	51·1	97·8	98·2	125·8	118·1	90·7	149·0	95·6	70·2	60·8	35·3	59·4
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

63.—JACOBABAD, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	2	...	...	...	...	...	...	2	16	13
North-East	...	19	7	6	3	...	2	1	4	3	4	12
East	...	13	24	13	36	19	10	8	7	19	14	5
South-East	...	10	14	17	13	23	45	36	30	19	3	2
South	...	1	3	6	4	14	4	10	8	6	2	...
South-West	...	3	4	11	3	2	1	4	7	3	...	2
West	...	6	2	2	1	1	...	1	...	1	4	4
North-West	...	4	6	5	2	1	...	1	2	...	2	8
Calm	...	...	...	...	...	...	...	1	2	9	15	16
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	...	42	49	40	72	74	89	76	65	58	35	40
Resultant Direction	...	N. 75° E.	S. 81° E.	S. 42° E.	S. 75° E.	S. 46° E.	S. 50° E.	S. 39° E.	S. 40° E.	S. 61° E.	N. 40° E.	N. 9° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	27·8	29·9
Average Resultant Percentage	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant Direction	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

64.—BICKANIR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	...	...	...	...	...	...	2
North-East	...	...	...	...	...	...	...	...	7	24	22	40
East	...	...	...	...	...	...	...	...	2	...	...	2
South-East	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	1	...	...	1
South-West	...	...	...	...	...	...	...	...	49	38	37	11
West	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	1	...	1	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant Percentage	...	...	...	...	...	...	...	...	69	23	25	56
Resultant Direction	...	...	...	...	...	...	...	...	S. 42° W.	S. 45° W.	S. 45° W.	N. 46° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	61·2	57·1
Average Resultant Percentage	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant Direction	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

65.—HYDERABAD, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	1	...	...	1	2	8	25
North-East ...	...	...	...	...	...	4	...	...	2	2	8	1
East	...	...	..	...	...	...	...	...	...	...	...	...
South-East ...	...	...	...	...	...	...	...	...	1	1	...	...
South	...	...	...	...	...	4	2	1	4	4	...	...
South-West ...	...	...	...	...	...	47	54	59	45	27	9	1
West	...	...	...	...	...	2	6	1	2	3	9	1
North-West ...	...	...	...	...	...	2	...	...	5	23	26	34
Calm	...	...	...	...	...	...	...	1	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	...	..	...	...	...	78	96	97	78	59	63	89
Resultant {Direction ...	...	...	...	...	...	S. 47° W.	S. 42° W.	S. 45° W.	S. 49° W.	S. 84° W.	N. 48° W.	N. 27° W.
Mean daily movement in miles	...	...	...	...	...	424·5	529·0	473·4	355·2	180·1	175·2	191·1

66.—KURRACHEE, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	4	4	1	...	...	...	...	...	2	5	5	6
North-East ...	23	5	1	1	...	...	...	...	...	7	10	23
East	11	10	1	1	...	...	...	...	...	2	5	10
South-East... ...	3	1	4	1	...	...	...	...	...	2	2	1
South	2	3	...	2	...	1	1	...	...	2	2	3
South-West ..	14	17	40	42	39	45	44	40	41	27	20	9
West	3	11	13	13	21	14	17	21	16	14	12	4
North-West ...	2	4	2	...	2	...	...	1	1	3	4	6
Calm	...	1	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	27	23	78	85	91	94	93	92	88	46	26	33
Resultant {Direction ...	N. 63° E.	S. 65° W.	S. 52° W.	S. 52° W.	S. 62° W.	N. 81° W.	S. 56° W.	S. 61° W.	S. 60° W.	S. 69° W.	S. 80° W.	N. 37° E.
Mean daily movement in miles	279·0	254·5	325·1	342·4	462·1	473·3	537·7	497·8	400·9	256·9	231·1	289·0
Average Resultant {Percentage...	14	17	71	76	86	85	89	91	86	61	23	22
Average Resultant {Direction ... 3 years.	N. 21° W.	N. 86° W.	S. 62° W.	S. 60° W.	S. 64° W.	S. 75° W.	S. 62° W.	S. 63° W.	S. 65° W.	S. 67° W.	S. 76° W.	N. 30° E.

67.—BHUJ, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	12	7	7	6	1	...	...	...	2	10	7	11
North-East ...	26	15	4	...	4	...	...	...	...	13	16	25
East	12	13	3	3	1	...	...	...	1	14	10	6
South-East ...	2	...	1	...	3	...	...	...	...	3	4	1
South	...	1	...	...	...	2	1	1	2	...	...	...
South-West ...	1	2	4	4	11	18	24	18	6	2	3	2
West	4	7	25	31	35	34	36	39	36	6	10	2
North-West ...	5	6	14	7	7	3	1	4	10	6	2	7
Calm	...	5	4	9	...	1	...	...	3	8	8	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	64	40	57	61	67	84	91	90	77	39	30	57
Resultant {Direction ...	N. 37° E.	N. 29° E.	N. 63° W.	N. 77° W.	S. 88° W.	S. 76° W.	S. 72° W.	S. 79° W.	N. 87° W.	N. 34° E.	N. 36° E.	N. 27° E.
Mean daily movement in miles	194·8	211·1	247·9	294·1	432·7	451·4	565·5	512·7	329·9	136·1	104·1	151·8

68.—RAJKOT, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	..	...	...	...	...	1	1	7	16	11	20
North-East ...	...	...	...	...	...	...	...	...	...	2	2	6
East	...	...	...	...	...	...	...	...	...	20	19	11
South-East ...	...	...	...	...	...	...	..	...	...	1	...	...
South	...	...	...	...	...	...	28	21	11	2	1	2
South-West ...	...	...	...	...	...	...	14	16	11	2	4	...
West	...	...	...	...	...	...	19	24	28	6	5	15
North-West ...	...	...	...	...	...	...	...	...	2	4	6	1
Calm	...	...	...	...	...	...	...	...	...	9	12	7
Variable	...	...	...	...	...	...	...	...	1	...	...	...
Resultant {Percentage...	...	...	...	...	...	...	76	76	64	32	26	19
Resultant {Direction ...	...	...	...	...	...	...	S. 38° W.	S. 48° W.	S. 74° W.	N. 36° E.	N. 33° E.	N. 23° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

69.—DEESA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	18	11	10	8	3	2	...	...	1	4	5	9
North-East ...	16	12	4	1	...	...	...	...	1	6	2	7
East	4	9	6	2	4	...	...	...	1	9	12	4
South-East... ...	1	3	1	1	2	5	2	1	6	7	6	6
South	6	5	4	5	16	29	33	26	16	9	3	4
South-West ...	4	4	11	12	9	5	19	17	3	1	2	2
West	6	5	14	10	12	5	5	17	10	1	2	1
North-West ...	4	6	1	10	11	1	1	1	9	3	2	9
Calm	3	1	11	10	5	13	2	...	13	22	26	20
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	37	28	21	37	39	56	81	77	32	24	21	19
Resultant {Direction ...	N. 11° E.	N. 29° E.	N. 85° W.	N. 88° W.	S. 58° W.	S. 10° W.	S. 21° W.	S. 37° W.	S. 41° W.	S. 73° E.	S. 87° E.	N. 23° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant {Percentage...	36	22	43	53	61	66	79	78	51	4	...	38
Average Resultant {Direction ... 3 years.	N. 5° W.	N. 18° E.	N. 76° W.	N. 60° W.	S. 46° W.	S. 33° W.	S. 38° W.	S. 44° W.	S. 70° W.	S. 39° E.	...	N. 20° E.

70.—MOUNT ABU, (*2 observations daily*).

	January.	February.	March.	April	May.	June.	July.	August.	September.	October.	November.	December.
North	7	3	5	2	...	...	...	...	...	...	2	2
North-East ...	7	7	1	1	2	1	...	...	4	14	9	15
East	6	5	2	...	...	...	...	...	...	2	3	...
South-East... ...	7	3	2	3	9	4	2	3	1	6	5	2
South	2	3	...	4	...	1	3	2	7	...	5	5
South-West ...	10	10	18	11	33	44	51	45	37	18	12	17
West	4	8	19	15	6	8	4	5	6	1	3	11
North-West ...	19	17	15	23	11	...	...	2	2	3	1	...
Calm	...	...	...	...	1	2	2	5	3	18	20	10
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	23	30	62	61	58	82	90	80	70	8	13	20
Resultant {Direction ...	N. 37° W.	N. 63° W.	N. 87° W.	N. 82° W.	S. 55° W.	S. 46° W.	S. 44° W.	S. 46° W.	S. 45° W.	S. 3° E.	S. 5° E.	S. 62° W.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	120·0

71.—NEEMUCH, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	6	7	4	4	1	...	3	1	4	2
North-East... ...	...	...	7	11	8	5	1	2	1	15	15	11
East	...	...	3	5	4	2	...	1	...	8	11	14
South-East... ...	...	...	7	6	4	1	2	1	2	8	11	13
South	...	...	4	3	2	1	1	...	2	2	6	7
South-West ...	...	...	7	6	13	10	29	7	13	5	4	4
West	...	...	9	13	17	26	27	45	26	17	7	8
North-West ...	...	...	14	9	10	11	1	6	13	6	2	3
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	...	...	21	19	34	59	81	82	70	8	30	31
Resultant { Direction ...	...	...	N. 58° W.	N. 34° W.	N. 83° W.	N. 79° W.	S. 66° W.	W.	W.	N. 6° W.	S. 88° E.	S. 68° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

72.—INDORE, (*2 observations daily.*)

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	3	4	6	1	...	1	6	3	1	...
North-East... ...	...	...	6	5	4	1	...	...	5	12	10	6
East	...	...	6	4	2	...	...	...	...	10	20	13
South-East... ...	...	...	1	1	3	..	...	...	1	6	5	8
South	...	...	2	3	1	...	...	...	2	6	2	9
South-West ...	...	...	13	3	5	8	9	7	6	3	...	1
West		...	14	20	30	30	48	36	24	5	1	8
North-West ...	...	...	15	10	9	16	5	16	9	3	1	2
Calm	...	...	2	10	1	3	..	2	7	13	18	15
Variable	...	...	...	...	...		...	...	...	...	...	...
Resultant { Percentage...	...	...	38	38	56	78	94	85	53	22	50	26
Resultant { Direction ...	...	...	N. 75° W.	N. 67° W.	N. 75° W.	N. 81° W.	S. 87° W.	N. 82° W.	N. 74° W.	N. 85° E.	N. 84° E.	S. 53° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

73.—SURAT, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	3	...	...	...	3	5	4	6
North-East ...	...	...	...	...	1	...	...	...	2	10	7	10
East	...	...	...	...	...	...	...	...	1	8	16	5
South-East ...	...	...	...	...	...	...	...	...	...	5	3	4
South	...	...	...	...	14	22	25	17	1	3	2	2
South-West ...	...	...	...	...	33	37	37	35	22	7	2	4
West	...	...	...	...	6	1	...	8	25	10	15	18
North-West ...	...	...	...	...	5	...	...	2	6	12	11	13
Calm	...	...	...	...	...	...	...	...	...	2	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	...	...	...	...	71	92	93	84	72	17	19	34
Resultant {Direction ...	...	...	...	...	S. 47° W.	S. 29° W.	S. 27° W.	S. 40° W.	S. 79° W.	N. 28° W.	N. 6° W.	N. 46° W.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

74.—MALEGAON, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	3	2	1	22	17	15	8
North-East ...	...	...	...	...	...	...	1	1	1	6	5	...
East	...	...	...	...	...	5	...	...	6	15	15	17
South-East ...	...	...	...	...	...	1	...	...	1	2	4	4
South	...	...	...	...	...	9	2	...	1	7	12	22
South-West ...	...	...	...	...	...	3	23	21	4	5	...	...
West	...	...	...	...	...	18	9	8	9	1	...	6
North-West ...	...	...	...	...	...	20	24	29	15	4	...	1
Calm	...	...	...	...	...	1	1	2	1	5	5	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant {Percentage...	...	...	...	...	...	48	67	70	54	29	39	34
Resultant {Direction ...	...	...	...	...	...	N. 79° W.	N. 88° W.	N. 80° W.	N. 28° W.	N. 48° E.	N. 80° E.	S. 39° E.
Mean daily movement in miles	...	...	...	...	...	...	375·6	328·6	216·4	135 9	...	112·9

75.—BOMBAY, (*4 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	28	27	28	18	9	3	...	3	10	9	25	30
North-East ...	31	18	21	9	1	2	...	2	10	17	29	34
East	17	11	8	9	...	3	...	...	5	20	25	22
South-East ...	4	5	3	6	1	11	...	2	11	27	5	4
South	1	2	1	2	7	18	...	1	8	18	...	...
South-West ...	3	4	1	3	13	21	43	25	12	3	2	1
West	15	12	17	19	51	49	80	73	35	10	8	7
North-West ...	24	33	44	53	42	13	1	18	29	20	26	26
Calm	1	...	1	1	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	50	50	60	55	74	55	93	81	38	20	52	59
Resultant { Direction ...	N. 7° E.	N. 11° W.	N. 19° W.	N. 36° W.	N. 76° W.	S. 66° W.	S. 75° W.	S. 88° W.	N. 73° W.	S. 81° E.	N. 20° E.	N. 18° E.
Mean daily movement in miles	217·6	264·9	248·2	262·0	270·1	352·6	448·5	352·9	258·1	266·1	216·5	222·6
Average Resultant { Percentage...	61	54	55	54	74	61	92	85	55	31	57	60
Average Resultant { Direction ... 3 years.	N. 1° W.	N. 9° W.	N. 29° W.	N. 59° W.	S. 88° W.	S. 58° W.	S. 75° W.	S. 83° W.	N. 88° W.	N. 14° E.	N. 14° E.	N. 17° E.
Average daily movement in miles ... ... 8 years.	243·2	258·2	287·3	273·8	245·4	414·3	485·3	408·3	282·3	233·9	234·1	229·8

76.—POONA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	4	10	24	23	21	6	4	...	5	3	3	5
North-East ...	4	3	3	5	1	...	...	4	2	4	7	4
East	19	7	5	3	...	...	...	...	1	15	35	8
South-East ...	9	7	4	2	1	1	...	...	5	15	10	30
South	2	4	1	...	1	6	1	...	4	9	4	6
South-West ...	2	7	1	4	2	5	7	9	6	5	1	5
West	14	10	9	9	14	31	37	30	21	10	...	3
North-West ...	8	8	15	14	22	11	13	19	16	1	...	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	12	14	55	58	73	70	83	77	52	35	77	54
Resultant { Direction ...	N. 69° E.	N. 59° W.	N. 18° W.	N. 23° W.	N. 41° W.	N. 85° W.	N. 82° W.	N. 78° W.	N. 79° W.	S. 41° E.	S. 85° E.	S. 48° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Percentage...	25	16	52	49	67	72	85	81	69	26	73	61
Average Resultant { Direction ... 3 years.	N. 61° E.	N. 21° W.	N. 19° W.	N. 39° W.	N. 61° W.	N. 89° W.	S. 84° W.	N. 89° W.	N. 87° W.	N. 53° E.	S. 84° E.	S. 76° E.

77.—SHOLAPUR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	4	7	6	6	1	...	...	...	...	...	1
North-East... ...	11	3	12	7	10	...	...	...	9	19	28	6
East	6	...	...	...	...	...	...	...	...	4	20	9
South-East... ...	23	18	23	27	1	3	...	...	3	5	8	33
South	...	...	...	...	...	...	...	...	...	...	...	9
South-West ...	20	30	20	19	11	39	56	30	8	25	1	2
West	...	...	...	...	...	...	3	18	20	1	...	...
North-West ...	...	1	...	1	34	17	3	14	20	8	3	...
Calm	...	...	...	...	...	...	...	...	...	...	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	46	50	55	38	60	68	94	81	56	6	76	73
Resultant { Direction ...	S. 36° E.	S. 15° W.	N. 18° W.	S. 25° E.	N. 40° W.	S. 66° W.	S. 50° W.	S. 77° W.	N. 68° W.	S. 58° W.	N. 70° E.	S. 51° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

78.—RATNAGIRI, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	8	27	10	6	15	...	2	6	14	4	12	14
North-East ...	3	...	...	...	...	...	...	...	1	8	4	6
East	11	1	...	...	...	...	...	...	...	5	8	12
South-East... ...	...	...	1	...	...	...	...	...	3	...	4	2
South	5	11	11	6	10	22	21	10	7	18	8	9
South-West ...	...	1	...	3	...	18	20	25	13	11	...	...
West	28	16	18	22	6	10	9	9	3	4	10	3
North-West ...	6	...	21	20	29	8	10	11	16	4	13	11
Calm	1	...	1	3	2	2	...	1	3	8	1	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	34	39	56	67	59	68	64	60	37	22	24	28
Resultant { Direction ...	N. 64° W.	N. 46° W.	N. 68° W.	N. 78° W.	N. 46° W.	S. 44° W.	S. 49° W.	S. 68° W.	N. 70° W.	S. 17° W.	N. 23° W.	N. 24° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

79.—Belgaum, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	1	...	11	7	8	2	...	...	2	1	...	...
North-East ...	3	1	6	5	6	3	...	...	4	1	10	1
East	12	5	7	7	2	...	...	...	...	15	40	15
South-East ...	20	5	3	3	...	...	...	...	3	7	9	36
South	5	4	1	1	...	...	...	...	1	8	...	5
South-West ...	7	11	...	1	2	8	1	...	3	8	...	1
West	7	20	25	25	36	40	58	59	36	11	...	...
North-West ...	1	2	4	4	8	5	3	3	5	1	...	1
Calm	6	8	5	7	...	2	...	...	6	10	1	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage	41	43	34	31	65	79	98	99	61	27	89	80
Resultant { Direction ...	S. 38° E.	S. 57° W.	N. 44° W.	N. 59° W.	N. 66° W.	N. 88° W.	N. 89° W.	N. 88° W.	N. 85° W.	S. 12° E.	N. 89° E.	S. 53° E.
Mean daily movement in miles	107·9	...	116·3	96·2	196·9	220·4	212·3	213·3	104·4	72·9	76·3	102·2
Average Resultant { Percentage	41	20	21	37	75	87	97	98	...	20	...	80
Average Resultant { Direction ... 3 years.	S. 65° E.	S. 27° E.	N. 34° W.	N. 73° W.	N. 78° W.	N. 89° W.	N. 87° W.	N. 88° W.	...	N. 80° E.	...	S. 69° E.

80.—Goa, (*4 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	3	2	...	1	...	...	...	2	2	1	11
North-East ...	26	4	3	1	1	4	...	1	1	6	12	8
East	36	6	7	...	...	...	1	...	7	21	52	43
South-East ...	5	1	3	...	...	7	1	2	24	36	3	14
South	...	...	2	...	...	8	...	...	1	3	...	...
South-West ...	10	8	5	4	14	30	21	12	4	5	1	1
West	37	63	72	94	87	59	81	87	47	24	26	28
North-West ...	8	15	20	11	15	6	17	14	11	6	5	10
Calm	2	12	10	10	6	3	2	8	22	18	19	9
Variable	...	...	...	...	...	3	1	...	1	3	1	...
Resultant { Percentage	13	63	64	87	86	68	86	83	29	23	28	21
Resultant { Direction ...	N. 31° E.	N. 82° W.	N. 82° W.	N. 87° W.	N. 89 W.	S. 71 W.	S. 88° W.	W.	S. 73° W.	S. 41° E.	N. 73° E.	N. 59° E.
Mean daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Percentage	15	47	64	80	80	59	83	78	53	17	22	33
Average Resultant { Direction ... 3 years.	N. 17° E.	N. 67° W.	N. 79° W.	N. 80° W.	N. 79° W.	S. 72° W.	N. 87° W.	N. 82° W.	N. 74° W.	N. 79° W.	N. 83° E.	N. 87° E.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

81.—VIZAGAPATAM, (*4 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	3	1	1	...	...	2	3	2	1	2	3	...
North-East ...	2	2	1	...	1	1	...	...	2	4	6	7
East	11	5	...	...	4	2	...	...	22	34	30	35
South-East ...	76	34	6	10	14	5	7	7	18	32	20	26
South	16	35	41	44	37	16	19	9	8	21	4	2
South-West ...	4	23	21	39	28	18	17	13	20	5	2	1
West	3	7	32	14	19	43	33	37	41	21	2	1
North-West ...	9	5	22	13	21	33	45	56	8	5	3	2
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	66	62	58	68	52	61	58	67	30	40	78	86
Resultant { Direction ...	S. 41° E.	S. 2° E.	S. 53° W.	S. 32° W.	S. 37° W.	S. 35° W.	S. 39° W.	N. 77 W.	S. 43° W.	S. 39° E.	S. 84° E.	S. 82° E.
Mean daily movement in miles	48·8	53·0	55·6	52·1	66·5	78·0	36·7	46·5	40·5	36·9	37·1	54·4
Average Resultant { Percentage...	42	40	56	58	53	57	70	58	39	27	56	58
Average Resultant { Direction ... 8 years.	S. 55° E.	S. 9° E.	S. 49° W.	S. 41° W.	S. 35° W.	S. 58° W.	S. 78° W.	S. 72° W.	S. 42° W.	S. 61° E.	N. 83° E.	S. 84° E.
Average daily movement in miles ... ... 5-6 years.	50·8	62·7	87·3	106·0	107·5	111·8	109·9	84·6	61·3	52·7	64·2	59·0

82.—SECUNDERABAD, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	...	...	...	...	...	...	...
North-East ...	21	15	7	2	7	...	...	...	...	4	24	10
East	9	15	15	9	1	1	...	...	...	23	29	32
South-East... ...	28	16	30	34	15	1	...	...	10	11	7	20
South	...	1	1	3	...	1	...	...	3	2	...	...
South-West ...	...	...	4	10	14	28	12	14	8	9	...	...
West	...	1	1	2	3	16	37	36	20	12	...	...
North-West ...	4	8	4	...	22	13	13	12	19	1	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	66	54	62	69	19	75	88	88	54	31	87	87
Resultant { Direction ...	S. 87° E.	N. 83° E.	S. 63° E.	S. 38° E.	W.	S. 74° W.	N. 89° W.	S. 89° W.	S. 86° W.	S. 49° E.	N. 77° E.	S. 82° E.
Mean diurnal velocity of wind in miles ...	148·5	?	144·5	155·2	152·8	?	341·4	312·6	104·8	62·4	38·9	78·9
Average Resultant { Percentage...	54	46	16	22	44	80	86	84	72	30	82	81
Average Resultant { Direction ... 3 years.	S. 79° E.	S. 69° E.	S. 56° E.	S. 2° W.	N. 76° W.	S. 51° W.	S. 72° W.	N. 83° W.	N. 81° W.	N. 27° E.	N. 64 E.	N. 81 E.
Average mean diurnal velocity of wind in miles 3 years.	109·7	?	107·3	117·9	161·3	?	345·1	263·9	162·0	70·9	59·8	74·8

83.—MASULIPATAM, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	2	1	...	1	...	2	11	3	3
North-East ...	4	5	2	...	5	...	...	...	3	16	31	26
East	58	43	4	2	2	...	...	...	8	8	26	33
South-East ...	...	8	26	5	1	6	4	4	8	2	...	...
South	...	...	30	42	32	14	4	1	5	3	...	...
South-West ...	...	...	...	8	14	10	13	14	10	6	...	...
West	...	...	...	...	6	30	38	38	14	9	...	...
North-West ...	...	...	...	1	1	...	2	5	10	7	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	98	93	85	81	63	69	77	80	23	30	90	90
Resultant { Direction ...	N. 87° E.	S. 88° E.	S. 27° E.	S. 1° W.	S. 16° W.	S. 52° W.	S. 73° W.	S. 78° W.	S. 62° W.	N. 8° E.	N. 63° E.	N. 67° E.
Mean daily movement in miles	...	...	...	...	...	...	..	...	...	...	...	...
Average Resultant { Percentage...	85	86	84	87	67	72	87	84	62	42	91	92
Average Resultant { Direction ... 3 years.	N. 73° E.	S. 84° E.	S. 19° E.	S. 7° W.	S. 11° W.	S. 61° W.	S. 79° W.	S. 81° W.	N. 89° W.	N. 38° E.	N. 68° E.	N. 74° E.
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

84.—BELLARY, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	3	1	2	5	1	1	...	2	3	2	...
North-East ...	2	3	3	6	3	...	...	...	4	2	7	2
East	15	5	7	6	5	...	...	...	4	14	22	15
South-East ...	38	24	21	19	5	2	...	...	6	13	25	42
South	4	6	11	7	1	2	...	...	...	4	2	2
South-West ...	...	3	4	9	6	9	4	2	4	5	...	...
West	1	7	6	4	14	33	30	33	13	9	1	...
North-West ...	2	5	9	7	23	13	27	27	27	12	1	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	80	36	34	30	45	79	88	91	49	8	74	87
Resultant { Direction ...	S. 56° E.	S. 35° E.	S. 25° E.	S. 28° E.	N. 59° W.	W.	N. 72° W.	N. 72° W.	N. 55° W.	S. 43° E.	S. 74° E.	S. 57° E.
Mean daily movement in miles	111·2	144·2	129·2	135·4	186·9	249·3	284·6	298·5	151·7	65·5	64·1	80·4
Average Resultant { Percentage...	56	50	9	14	65	80	89	90	74	25	73	78
Average Resultant { Direction ... 3 years.	S. 63° E.	S. 55° E.	S. 56° E.	S. 17° W.	N. 68° W.	S. 88° W.	N. 84° W.	N. 78° W.	N. 66° W.	N. 43° E.	S. 88° E.	S. 83° E.
Average daily movement in miles ... ... 3 years.	87·4	107·2	121·7	134·4	200·6	231·8	231·2	267·8	...	105·0	79·0	86·8

85.—BANGALORE, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	...	...	...	2	...	2	...
North-East ...	8	3	3	5	3	1	...	...	1	10	29	14
East	33	20	9	12	1	...	...	...	1	7	20	39
South-East ...	16	15	32	14	6	2	...	...	3	10	...	7
South	4	5	5	9	2	2	...	1	...	5	...	2
South-West ...	1	8	9	10	19	27	17	11	16	11	2	...
West	...	4	3	7	26	26	45	49	33	14	4	...
North-West ...	...	1	1	3	5	2	...	1	4	5	3	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage...	81	52	63	37	62	81	94	94	73	16	67	87
Resultant (Direction ...	S. 78° E.	S. 51° E.	S. 37° E.	S. 24° E.	S. 69° W.	S. 65° W.	S. 78° W.	S. 82° W.	S. 80° W.	S. 24° W.	N. 55° E.	N. 87° E.
Mean daily movement in miles	29·0	38·3	32·2	74·8	109·7	212·2	187·5	259·9	123·4	64·8	70·6	83·9
Average Resultant (Percentage...	79	67	56	49	69	88	92	91	82	5	77	80
Average Resultant (Direction ... 3 years.	S. 82° E.	S. 82° E.	S. 30° E.	S. 14° W.	S. 57° W.	S. 56° W.	S. 59° W.	S. 74° W.	S. 76° W.	N. 7° E.	N. 61° E.	N. 76° E.
Average daily movement in miles ... ... 3 years.	65·3	61·1	51·7	71·0	122·9	212·7	229·0	219·0	152·8	76·3	59·5	69·9

86.—MADRAS, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	2	...	...	...	4	...	...	1	...	6	29	9
North-East ...	44	7	...	...	1	...	...	...	...	9	29	42
East	10	23	12	10	...	...	...	...	3	17	1	10
South-East... ...	6	21	47	48	26	9	6	7	16	14	...	1
South	...	5	3	2	21	20	24	22	20	10	...	...
South-West ...	...	...	...	...	7	21	28	27	16	6	...	...
West	...	...	...	...	1	10	4	5	4	...	...	...
North-West ...	...	...	...	...	2	...	...	...	1	...	1	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant (Percentage...	87	81	87	95	64	75	84	79	70	51	91	89
Resultant (Direction ...	N. 58° E.	S. 71° E.	S. 52° E.	S. 51° E.	S. 17° E.	S. 24° W.	S. 22° W.	S. 23° W.	S. 2° W.	S. 68° E.	N. 23° E.	N. 47° E.
Mean daily movement in miles	163·5	167·4	175·8	203·0	243·4	223·1	222·0	219·5	164·8	133·1	153·1	189·3
Average Resultant (Percentage...	63	63	79	81	61	52	63	52	47	7	63	72
Average Resultant (Direction ... 10 years.	N. 49° E.	S. 87° E.	S. 48° E.	S. 40° E.	S. 14° E.	S. 39° W.	S. 52° W.	S. 47° W.	S. 31° W.	N. 31° E.	N. 23° E.	N. 27° E.
Average daily movement in miles ... ... 7 years.	164·7	160·5	198·4	244·1	262·4	256·1	249·1	210·8	189·6	152·7	194·0	218·0

87.—SALEM, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	...	1	...	1	1	1	1
North-East ...	23	8	16	20	9	...	...	...	2	14	34	34
East	31	21	18	14	5	1	...	1	1	5	17	17
South-East ...	6	11	11	6	4	1	...	3	5	7	1	5
South	...	7	9	7	6	3	1	5	4	7	1	...
South-West ...	1	6	6	12	21	38	21	28	22	18	3	2
West	1	2	...	1	13	14	27	16	18	7	2	...
North-West ...	...	1	2	...	4	3	12	9	7	3	1	3
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	82	54	52	39	35	86	82	71	60	19	72	75
Resultant { Direction ...	N. 77° E.	S. 65° E.	S. 75° E.	S. 76° E.	S. 49° W.	S. 56° W.	S. 83° W.	S. 62° W.	S. 64° W.	S. 10° W.	N. 59° W.	N. 62° E.
Mean daily movement in miles	191·5	182·2	171·5	181·1	129·0	152·9	138·5	141·9	94·7	71·7	96·8	112·6
Average Resultant { Percentage	70	63	43	19	57	81	82	75	68	8	68	78
Average Resultant { Direction ... 3 years.	N. 78° E.	N. 86° E.	S. 69° E.	S. 36° E.	S. 54° W.	S. 61° W.	S. 66° W.	S. 67° W.	S. 68° W.	S. 6° E.	N. 60° E.	N. 66° E.
Average daily movement in miles ... ... 3 years.	147·8	159·4	143·2	134·9	114·3	139·8	134·6	118·8	99·1	77·3	113·7	138·6

88.—WELLINGTON, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	6	1	...	...	...	...	...	...
North-East ...	...	1	...	3	8	4	...	...	...	...	...	...
East	1	7	...	2	6	1	...	...	...	...	...	...
South-East ...	12	17	...	31	15	3	...	...	...	...	...	...
South	16	21	...	23	10	2	...	...	...	...	...	...
South-West ...	33	10	...	1	8	11	...	...	...	...	...	...
West	...	...	...	...	6	27	...	...	...	...	...	...
North-West ...	...	...	...	...	3	11	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	80	74	...	84	24	61	...	...	...	...	...	...
Resultant { Direction ...	S. 16° W.	S. 18° E.	...	S. 30° E.	S. 34° E.	W.	...	...	...	...	...	...
Mean diurnal velocity of wind in miles ...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Percentage...	63	63	...	68	25	51	...	...	...	...	...	...
Average Resultant { Direction ... 3 years.	S. 10° W.	S. 20° E.	...	S. 51° E.	N. 72° E.	N. 71° W.	...	...	...	...	...	...
Average diurnal velocity of wind in miles ...	...	...	...	...	...	...	...	...	...	...	...	...

89.—COIMBATORE, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	3	2	11	2	2	...	...	...	...	...	4	7
North-East ...	17	6	14	12	4	1	...	...	1	1	33	41
East	37	18	21	18	3	...	...	...	1	8	10	14
South-East ...	4	11	9	11	7	2	1	1	6	9	1	...
South	...	13	3	9	26	15	28	12	11	15	2	...
South-West ...	...	4	1	5	14	29	29	42	35	22	4	...
West	...	1	...	1	4	12	4	6	6	2	1	...
North-West ...	1	1	3	2	2	1	...	1	...	5	5	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	85	54	59	49	56	69	88	89	77	54	61	90
Resultant { Direction ...	N. 76° E.	S. 57° E.	N. 69° E.	S. 73° E.	S. 7° W.	S. 41° W.	S. 26° W.	S. 41° W.	S. 32° W.	S. 10° W.	N. 46° E.	N. 50° E.
Mean daily movement in miles	99·6	107·4	87·3	88·4	128·2	203·7	219·3	219·8	138·8	83·9	69·9	100·9
Average Resultant { Percentage...	67	65	47	49	65	77	80	82	72	48	61	79
Average Resultant { Direction ... 3 years.	N. 74° E.	N. 83° E.	S. 80° E.	S. 33° E.	S. 12° W.	S. 40° W.	S. 40° W.	S. 31° W.	S. 28° W.	S. 14° E.	N. 54° E.	N. 52° E.
Average daily movement in miles ... ... 3 years.	88·2	92·2	86·8	95·8	135·5	210·4	232·1	204·5	164·2	78·5	73·6	95·6

90.—TRICHINOPOLY, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	9	4	2	...	1	...	...	...	...	3	13	13
North-East	34	21	15	13	2	...	...	...	...	2	34	43
East	17	14	23	15	7	...	...	...	...	5	2	3
South-East ...	2	8	16	20	12	1	1	2	3	6	1	1
South	...	5	1	6	8	4	...	...	11	10	...	...
South-West ...	...	...	2	2	10	12	10	11	13	11	1	1
West	...	2	2	2	20	37	42	41	24	13	2	...
North-West ..	...	2	1	2	2	6	9	8	9	12	7	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	85	68	66	59	37	83	88	86	68	33	75	87
Resultant { Direction ...	N. 53° E.	N. 73° E.	S. 89° E.	S. 72° E.	S. 30° W.	S. 80° W.	S. 89° W.	S. 86° W.	S. 67° W.	S. 64° W.	N. 25° E.	N. 37° E.
Mean daily movement in miles	137·2	112·9	119·9	42·5	172·6	270·2	285·3	320·2	142·7	90·4	115·9	127·3
Average Resultant { Percentage...	74	69	51	29	56	84	90	86	75	21	73	80
Average Resultant { Direction .. 3 years.	N. 43° E.	N. 63° E.	S. 69° E.	S. 49° E.	S. 70° W.	S. 85° W.	N. 86° W.	N. 88° W.	S. 88° W.	N. 72° W.	N. 33° E.	N. 41° E.
Average daily movement in miles ... ... 3 years.	144·4	132·9	130·4	112·6	190·8	279·3	337·6	258·1	188·2	103·1	125·4	147·1

91.—NEGAPATAM, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	6	...	...	..	...	...	...	...	...	...	4	2
North-East ...	48	23	6	3	1	...	...	..	...	...	44	53
East	7	11	17	13	6	...	...	...	...	2	1	6
South-East ...	1	12	36	43	22	1	2	1	4	9	1	1
South	...	2	3	1	11	17	10	14	20	19	1	...
South-West ...	...	8	...	...	18	37	33	35	27	21	2	...
West	...	...	...	...	3	5	16	12	6	10	5	...
North-West ...	...	...	...	...	1	...	1	...	3	1	2	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	92	54	85	90	62	89	83	86	78	69	70	95
Resultant { Direction ..	N. 47° E.	E.	S. 63° E.	S. 57° E.	S. 9° E.	S. 35° W.	S. 49° W.	S. 42° W.	S. 32° W.	S. 24° W.	N. 37° E.	N. 49° E.
Mean daily movement in miles	103·5	72·4	70·9	112·0	134·3	193.4	152·6	131·7	87·4	52·3	82·1	115·3
Average Resultant { Percentage...	81	73	72	74	71	86	86	85	80	27	72	94
Average Resultant { Direction ... 3 years.	N. 54° E.	N. 76° E.	S. 51° E.	S. 36° E.	S. 20° E.	S. 38° W.	S. 47° W.	S. 44° W.	S. 39° W.	S. 31° W.	N. 46° E.	N. 44° E.
Average daily movement in miles ... ... 3 years.	122·8	93·8	101·8	129·6	173·1	194·2	192·3	144·0	117·5	78·0	114·1	152·5

92.—MADURA, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	...	...	...	3	1	6	2
North-East ...	11	12	2	2	...	...	...	...	...	...	8	28
East	48	41	32	11	...	...	...	...	...	...	1	31
South-East ...	3	3	27	29	21	...	...	...	...	...	...	1
South	...	...	1	16	27	...	...	...	1	1	..	...
South-West ...	...	...	...	2	11	11	3	4	5	8	3	...
West	...	...	...	...	2	29	33	26	15	15	14	...
North-West ...	...	...	...	...	1	20	26	32	36	37	28	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	94	93	90	80	79	86	90	89	83	82	69	90
Resultant { Direction ...	N. 84° E.	N. 83° E.	S. 70° E.	S. 41° E.	S. 5° E.	N. 83° W.	N. 73° W.	N. 69° W.	N. 61° W.	N. 66° W.	N. 45° W.	N. 68° E.
Mean daily movement in miles	139·8	129·1	109·7	104·5	87·2	167·4	112·7	154·4	100·4	70·0	98·2	130·6
Average Resultant { Percentage...	88	87	77	62	56	81	90	89	86	62	48	90
Average Resultant { Direction ... 3 years.	N. 80° E.	N. 86° E.	S. 78° E.	S. 26° E.	S. 41° W.	N. 89° W.	N. 74° W.	N. 70° W.	N. 64° W.	N. 62° W.	N. 32° E.	N. 74° E.
Average daily movement in miles ... ... 3 years.	122·5	123·9	91·3	80·2	73·1	107·8	99·4	88·9	74·7	65·1	105·2	130·3

93.—COCHIN, *(2 observations daily).*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	2	3	3	5	...	...	...	1	..	4	5	2
North-East ...	...	...	...	...	...	...	...	...	1	1	4	1
East	1	...	...	...	...	...	...	...	6	9	10	7
South-East... ...	3	1	1	...	...	1	...	3	1	3	2	2
South	22	10	14	15	16	20	18	21	6	14	14	15
South-West ...	17	19	21	15	20	29	19	19	23	14	16	24
West	9	12	13	7	16	6	17	10	16	12	7	10
North-West ...	8	11	10	18	10	4	8	8	7	5	2	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	60	63	64	52	71	80	72	65	57	36	31	57
Resultant { Direction ...	S. 40° W.	S. 68° W.	S. 60° W.	S. 75° W.	S. 58° W.	S. 37° W.	S. 54° W.	S. 42° W.	S. 60° W.	S. 37° W.	S. 17° W.	S. 32° W.
Mean daily movement in miles	..	...	...	...	...	...	...	...	...	...	...	...
Average Resultant 3 years. { Percentage...	38	43	41	58	65	55	46	55	67	46	40	49
Average Resultant 3 years. { Direction ...	S. 3° E.	S. 59° W.	S. 74° W.	W.	S. 84° W.	S. 62° W.	S. 61° W.	S. 65° W.	S. 78° W.	S. 60° W.	S. 30° W.	S. 39° W.
Average daily movement in miles ...	...	...	...	...	...	...	...	...	...	...	...	...

General Direction and Movement of Winds in Ceylon.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
94. COLOMBO	Direction	N.	W. to NW. & N.	NW. to N.	S. to SW.	S. to SW.	S. to SW.	SW.	SW.	S. to SW.	S. to SW.	N. & SW.	N. & NE.
	Mean daily movement in miles ...	212·0	147·6	124·4	122·7	217·8	262·3	202·6	222·3	181·2	136·9	113·8	162·4
	Average mean daily movement in miles, 7-8 years	143·5	124·6	102·2	108·9	150·1	201·8	171·6	174·2	170·0	141·0	108·6	140·2
	Direction	NE.	NE.	NE. to SE.	NE. to SE.	SW.	SW.	SW.	SW.	SW.	SW.	NE.	NE.
95. JAFFNA	Mean daily movement in miles ...	114·4	120·5	109·4	136·1	219·6	414·0	312·2	381·0	293·7	138·8	49·1	64·1
	Average mean daily movement in miles, 7 years	72·5	72·0	100·3	160·4	304·0	345·6	315·5	299·2	294·4	178·7	61·2	71·3
	Direction	NE.	NE. to E.	E. to SE.	E. to SE.	E. & SW. to W.	W.	W.	W.	W. to SE.	SE. to E.	N. & NE.	NE.
96. TRINCO-MALEE.	Mean daily movement in miles ..	214·3	194·5	139·8	173·0	270·6	488·8	448·9	464·9	255·8	93·3	71·9	180·2
	Average mean daily movement in miles, 7-8 years	223·9	170·0	139·6	181·4	320·5	471·3	451·4	375·4	338·3	235·5	142·1	195·6
	Direction	NE.	NE. to E.	NE. to E.	NE. to E.	NE. to E.	E. & SW.	NE. & E.	NE. to SW.	NE. to SE.	S. to E.	NE.	E. & NE.
97. BATTI-CALOA.	Mean daily movement in miles ...	259·4	202·5	170·6	153·0	110·1	128·4	129·7	131·3	62·2	21·2	...	...
	Average mean daily movement in miles, 6-8 years	254·0	209·6	164·0	154·0	139·9	139·8	157·3	142·8	131·0	131·6	172·0	214·5
	Direction	NE.	NE.	NE.	NE.	SW.	SW.	SW.	SW.	SW.	SW.	NE. & SW.	SW. to NE.
98. HAMBAN-TOTA.	Mean daily movement in miles ...	213·4	220·4	160·1	133·2	178·1	206·0	239·1	226·6	176·2	101·8	60·0	140·4
	Average mean daily movement in miles, 6-8 years	265·5	225·8	167·0	153·1	248·6	255·9	269·9	268·8	255·8	210·5	160·5	240·1
	Direction	Variable	SW. to NW.	Variable	NE. to SE.	SW.	SW. to NW.	NW. to SW.	SW.	NW. to SW.	S. to SE.	SE. to NE.	NE.
99. GALLE ...	Mean daily movement in miles ...	59·6	63·5	31·2	23·9	147·6	203·2	153·7	127·3	70·2	...	...	...
	Average mean daily movement in miles, 6-9 years	56·7	56·2	61·6	88·8	187·0	243·1	206·4	197·1	204·4	179·6	81·2	57·5
	Direction	E. to SE.	E. to SE.	E. to SE.	E. to SE.	SW. to W.	SW.	W. & SW.	SW.	SW.	SW.	SW.	NE.
100. KANDY..	Mean daily movement in miles ...	89·1	62·3	30·7	26·0	39·7	72·3	59·4	65·8	43·3	18·2	11·8	41·1
	Average mean daily movement in miles, 6-8 years	81·7	74·8	50·6	32·7	49·6	75·3	68·9	65·4	57·9	35·6	31·2	58·8
	Direction	SE.	SE. to NW.	SE.	SE.	...	Variable	NW.	NW. to SW.	NW. to SW.	NW. to SE.	SE.	SE.
101. NEWARA ELIYA.	Mean daily movement in miles ...	20·8	27·9	23·3	21·1	38·9	84·8	53·9	85·0	44·1	14·9	19·0	92·9
	Average mean daily movement in miles, 6-8 years	46·6	44·8	51·1	39·1	68·8	144·4	113·5	89·0	77·2	59·8	44·3	73·9

102.—AKYAB, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	9	12	8	3	4	2	...	3	1	2	3	12
North-East ...	16	8	2	3	...	1	5	2	2	6	9	13
East	8	8	12	6	4	6	7	3	9	15	17	3
South-East ...	2	1	6	5	10	14	6	10	6	8	3	...
South	1	...	5	5	5	23	18	18	13	8	4	...
South-West ...	4	3	2	8	17	9	21	18	18	7	1	3
West	15	11	18	23	20	3	3	4	5	8	15	12
North-West ...	7	13	9	7	2	2	2	3	5	8	7	17
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	32	45	15	37	47	59	52	53	42	15	15	57
Resultant { Direction ...	N. 6° W.	N. 18° W.	N. 58° W.	S. 79° W.	S. 50° W.	S. 9° E.	S. 8° W.	S. 13° W.	S. 16° W.	S. 43° E.	N. 33° E.	N. 24° W.
Mean daily movement in miles	71·9	87·8	101·7	107·1	92·9	114·9	92·8	103·3	91·1	61·5	60·1	60·3
Average Resultant { Percentage...	39	50	29	39	31	58	69	60	39	12	31	41
Average Resultant { Direction ... 8-10 years.	N. 27° W.	N. 29° W.	N. 57° W.	S. 80° W.	S. 44° W.	S. 2° E.	S. 6° E.	S. 2° E.	S. 7° E.	S. 34° E.	N. 17° W.	N. 20° W.
Average daily movement in miles ... ... 5-6 years.	69·8	85·6	94·2	107·0	80·2	95·9	86·1	77·2	71·9	56·1	56·8	57·8

103.—THYETMYO, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
North	...	...	...	...	...	...	...	...	...	...	...	11
North-East ...	...	...	...	...	...	...	...	...	...	...	...	23
East	...	...	...	...	...	...	...	...	...	...	...	5
South-East ...	...	...	...	...	...	...	...	...	...	...	...	2
South	...	...	...	...	...	...	...	...	...	...	...	...
South-West ...	...	...	...	...	...	...	...	...	...	...	...	4
West	...	...	...	...	...	...	...	...	...	...	...	1
North-West ...	...	...	...	...	...	...	...	...	...	...	...	13
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	57
Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	N. 17° E.

104.—TOUNGHOO, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	...	...	...	...	...	51	57
North-East ...	...	...	...	...	...	...	...	...	...	...	4	5
East	..	...	...	...	...	...	...	...	...	...	...	...
South-East ...	...	...	...	...	...	...	...	...	...	...	5	...
South	...	...	...	...	...	...	...	...	...	...	...	...
South-West ...	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...
North-West ...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage ...	...	...	...	...	...	...	...	...	...	...	84	98
Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	N. 7° E.	N. 3° E.

105.—BASSEIN, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	8	8	5	4	...	...	...	1	4	9	16	20
North-East ...	29	4	1	2	...	...	...	...	5	11	21	31
East	2	1	...	2	...	...	...	...	...	1	...	1
South-East ...	...	1	...	...	...	8	6	5	12	14	4	...
South	...	...	...	...	1	25	16	8	10	8	4	...
South-West ...	...	1	1	2	5	10	20	26	12	3	2	...
West	4	5	11	10	28	8	10	16	7	2	...	...
North-West ...	11	34	40	33	20	...	3	5	5	8	9	9
Calm	8	2	4	7	8	9	7	1	5	6	4	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	61	75	83	69	75	63	69	65	29	15	51	82
Resultant { Direction ...	N. 16° E.	N. 37° W.	N. 50° W.	N. 49° W.	N. 78° W.	S. 34° W.	S. 54° W.	S. 14° W.	S. 24° W.	N. 75° E.	N. 19° E.	N. 19° E.
Mean daily movement in miles	...	90·2	109·8	132·6	129·6	86·6	92·5	107·2	83·5	46·4	45·9	37·2
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles ...	...	...	...	...	...	...	...	...	...	...	...	...

106.—RANGOON, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.
North	8	1	3	3	3	...	...	...	...	...	2	10
North-East ...	19	16	4	3	2	...	...	2	...	20	39	41
East...	22	16	21	14	11	12	2	7	11	6	3	1
South-East... ...	4	4	9	8	6	1	1	1	1	18	6	...
South	...	5	9	11	9	6	3	1	6	3	1	1
South-West ...	1	7	9	7	9	33	37	25	32	13	3	2
West	6	5	7	12	18	8	16	26	10	1	1	...
North-West ...	2	2	...	2	1	...	3	...	...	1	5	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	58	34	37	26	28	59	81	63	60	39	63	77
Resultant { Direction ...	N. 57° E.	N. 87° E.	S. 47° E.	S. 13° E.	S. 30° W.	S. 32° W.	S. 56° W.	S. 63° W.	S. 36° W.	S. 65° E.	N. 47° E.	N. 30° E.
Mean daily movement in miles	104·7	93·6	113·1	143·2	143·0	133·9	143·8	158·1	93·5	74·4	85·8	104·8
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

107.—MERGUI, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	...	...	...	...	...	...	...	...	...	6	...
North-East ...	...	...	...	...	...	...	...	...	...	2	13	21
East	...	...	...	...	...	...	...	...	...	...	10	1
South-East ...	...	...	...	...	...	...	...	...	...	...	...	6
South	...	...	...	...	...	...	...	...	...	...	...	...
South-West ...	...	...	...	...	...	...	...	...	...	...	...	5
West	...	...	..	...	...	...	...	...	...	29	8	5
North-West ...	...	...	...	...	...	...	...	...	...	31	23	24
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	...	...	...	...	...	...	...	...	...	89	53	40
Resultant { Direction ...	...	...	...	...	...	...	...	...	...	N. 65° W.	N. 9° W.	N. 13° W.
Mean daily movement in miles	...	...	...	...	..	...	...	...	...	...	...	...
Average Resultant { Percentage...	...	...	...	...	...	...	...	...	...	...	...	...
Average Resultant { Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Average daily movement in miles	...	...	...	...	...	...	...	...	...	...	...	...

108.—PORT BLAIR, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	11	12	4	1	1	...	...	...	1	4	6	11
North-East ...	39	26	36	23	12	2	...	...	2	5	16	33
East	11	16	22	25	7	...	...	1	1	8	18	15
South-East... ...	...	...	...	4	11	...	...	1	7	1	6	...
South	...	...	...	...	4	2	...	...	8	2	5	...
South-West ...	...	...	...	1	7	35	38	39	17	9	1	...
West	...	2	...	6	17	20	24	19	20	25	4	...
North-West ...	1	...	...	...	3	1	...	2	4	9	4	3
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	88	79	90	66	8	84	93	86	56	42	47	83
Resultant { Direction ..	N. 44° E.	N. 47° E.	N. 58° E.	N. 70° E.	S. 9° W.	S. 61° W.	S. 62° W	S. 60° W.	S. 54° W.	N. 79° W.	N. 69° E.	N. 45° E.
Mean daily movement in miles	...	...	...	...		...	...	...	...	...	135·9	149·6
Average Resultant { Percentage...	79	73	68	45	50	81	91	82	71	22	57	71
Average Resultant { Direction ... 10 years.	N. 35° E.	N. 42° E.	N. 57° E.	N. 81° E.	S. 34° W.	S. 36° W.	S. 43° W.	S. 43° W.	S. 40° W.	S. 21° E.	N. 62° E.	N. 43° E.
Average daily movement in miles ... ... 3 years.	159·2	111·2	109·9	139·3	179·8	...	296·3	255·6	250·8	158·2	172·2	134·6

109.—NANCOWRY, (*2 observations daily*).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
North	...	1	...	...	1	...	...	...	...	...	1	...
North-East ...	9	17	15	8	6	...	...	...	5	3	7	7
East	31	27	24	24	7	...	...	...	1	2	12	15
South-East... ...	22	11	22	25	10	...	...	...	6	11	28	36
South	...	...	1	...	4	...	...	...	5	...	...	3
South-West ...	...	...	...	3	24	44	52	52	28	27	9	...
West	...	...	...	...	8	15	10	10	11	14	2	...
North-West ...	...	...	...	...	2	1	...	...	4	5	1	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...
Resultant { Percentage...	87	84	81	79	37	93	96	96	56	53	56	81
Resultant { Direction ...	S. 80° E.	N. 84° E.	S. 83° E.	S. 73° E.	S. 21° W.	S. 57° W.	S. 52° W.	S. 52° W.	S. 48° W.	S. 49° W.	S. 55° E.	S. 63° E.
Mean daily movement in miles	...	...		163·4	198·0	282·5	302·8	331·1	128·9	121·2	55·1	143·2
Average Resultant { Percentage...	84	85	68	22	53	90	95	94	80	54	49	79
Average Resultant { Direction ... 3 years.	N. 89° E.	N. 75° E.	N. 74° E.	S. 50° E.	S. 55° W.	S. 54° W.	S. 52° W.	S. 53° W.	S. 55° W.	S. 89° W.	S. 42° E.	S. 72° E.
Average daily movement in miles ... ... 3-5 years.	218·0	204·1	134·8	126·0	170·9	277·7	293·5	297·2	237·4	153·6	125·2	180·5

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1877 (99 STATIONS).

1. LEH. 2. PESHAWAR. 3. MURREE.

MONTH.	10 hours.	16 hours.	DIFFERENCE DRY AND WET BULB. 10 hours.	16 hours.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	22·1	22·2	4·8	4·8	45·8	39·5	47·0	50·9	11·4	3·6	1·2	4·4	7·2	34·5	31·3	35·9	36·3	5·0	4·4	5·3	6·9	5·0
February ...	19·9	22·3	4·9	5·5	44·4	37·6	46·0	49·5	11·9	4·6	1·3	7·0	9·6	32·8	27·8	35·6	35·1	7·3	3·7	4·6	6·1	5·4
March	27·5	30·3	8·5	10·1	54·5	47·1	57·1	59·4	12·3	6·3	2·3	9·0	12·8	41·2	36·5	43·5	43·5	7·0	5·8	6·5	9·2	7·4
April	33·6	36·2	12·5	15·1	60·9	55·7	62·9	64·1	8·4	5·9	2·5	8·6	11·2	46·9	42·3	49·5	48·8	6·5	4·4	5·1	7·5	6·4
May	40·7	42·2	14·5	18·1	65·3	61·7	64·9	69·4	7·7	13·6	5·7	17·4	20·9	53·5	49·0	55·8	55·8	6·8	8·6	8·4	10·1	11·0
June	46·3	49·2	14·2	19·4	69·5	64·4	71·9	72·2	7·8	15·9	8·4	21·9	25·7	58·5	53·3	61·0	61·2	7·9	11·9	11·4	15·0	14·9
July	49·6	54·9	14·1	20·6	71·7	67·4	74·0	73·8	6·4	18·0	9·9	20·7	28·3	61·8	56·7	63·4	65·3	8·6	10·2	8·2	12·0	13·7
August... ...	49·1	55·0	13·5	18·9	70·1	65·6	72·1	72·6	7·0	17·8	9·9	22·1	27·7	61·4	55·6	63·1	65·6	10·0	12·0	11·1	14·8	14·4
September ...	45·4	48·2	13·3	15·6	67·8	62·4	70·1	70·8	8·4	14·3	7·4	17·2	23·6	...	53·5	...	...	...	...	9·2	...	...
October ...	36·4	37·7	10·7	13·6	60·1	53·8	62·6	64·0	10·2	9·1	4·8	11·6	15·7	47·1	44·1	48·7	48·6	4·5	8·0	7·8	10·8	9·6
November ...	31·6	32·2	8·5	9·4	55·4	49·1	57·8	59·4	10·3	5·1	3·5	7·0	9·0	43·8	40·4	46·2	44·7	4·3	3·8	5·4	7·1	4·7
December ...	24·4	25·5	5·1	5·0	47·5	41·8	49·1	51·5	9·7	3·4	2·4	4·3	6·1	35·6	32·3	37·7	36·7	4·4	3·2	4·6	5·5	4·0
Year	35·6	38·0	10·4	13·0	59·4	53·8	61·3	63·1	9·3	9·8	4·9	12·6	16·5	...	43·6	...	...	...	...	7·3	...	...

4. RAWALPINDI. 5. SEALKOT.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	46·9	39·7	49·9	51·2	11·5	1·8	0·7	1·5	5·8	50·5	43·2	53·1	55·1	11·9	...	...	3·8	5·2
February ...	44·4	37·4	46·2	49·6	12·2	2·8	0·6	4·4	6·8	49·7	42·7	51·9	54·4	11·7	2·9	0·6	4·7	7·4
March... ...	56·1	48·0	58·2	62·1	14·1	4·5	1·4	7·1	9·6	58·7	52·3	61·0	62·9	10·6	...	...	9·2	12·0
April	61·4	55·5	63·3	65·3	9·8	4·7	1·2	7·7	10·1	63·4	58·3	65·4	66·6	8·3	...	...	12·1	14·8
May	68·5	63·4	69·8	72·2	8·8	9·1	2·5	13·8	17·0	68·8	64·3	70·7	71·3	7·0	13·7	8·4	16·2	21·0
June	72·5	69·5	73·0	75·1	5·6	13·8	3·5	20·2	24·5	73·8	69·0	76·0	76·3	7·3	15·9	10·5	18·6	23·5
July	74·7	72·2	74·7	77·2	5·0	13·9	4·0	16·8	23·7	76·7	73·2	78·5	78·5	5·3	13·8	8·3	15·0	20·9
August... ...	74·5	72·1	74·9	76·6	4·5	13·3	3·0	16·4	23·9	79·4	73·6	82·1	82·4	8·8	11·8	7·6	14·0	18·8
September ...	70·9	64·6	74·1	74·1	9·5	9·8	3·9	12·6	18·8	73·0	68·2	75·6	75·3	7·1	12·9	7·9	15·7	20·4
October ...	60·7	53·4	63·0	65·8	12·4	6·2	2·7	9·3	11·8	65·7	57·8	68·6	70·6	12·8	9·1	6·8	10·6	14·3
November ...	56·1	50·2	57·6	60·4	10·2	3·3	1·4	4·1	6·7	60·1	53·8	62·4	64·3	10·5	7·1	5·7	9·5	10·6
December ...	47·9	43·0	48·8	52·0	9·0	2·0	0·7	2·1	4·1	52·3	47·0	53·3	56·5	9·5	2·5	1·5	2·8	4·5
Year	61·2	55·8	62·8	65·1	9·3	7·1	2·1	9·7	13·6	64·3	58·6	66·6	67·9	9·3	...	...	11·0	14·4

6. LAHORE.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	DIFFERENCE, DRY AND WET BULB. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.
January ...	50·1	45·0	52·1	54·7	48·6	42·6	4·0	1·3	4·3	8·5	1·9	1·4
February ...	49·5	44·7	51·6	53·7	48·0	39·2	5·0	1·3	6·0	10·5	2·0	4·8
March ...	58·9	54·4	61·0	62·3	58·0	53·1	8·6	3·8	10·3	15·0	5·2	2·8
April ...	64·3	60·1	66·6	67·1	63·4	58·9	10·4	4·9	12·3	17·1	7·4	4·3
May ...	68·7	65·2	70·5	70·7	68·2	64·8	16·3	9·3	19·3	24·5	12·1	7·8
June ...	74·5	71·6	76·1	76·5	73·9	70·5	18·8	11·5	21·5	26·4	15·8	10·7
July ...	76·8	75·3	78·2	77·5	76·2	74·2	16·4	9·4	18·2	24·0	13·9	8·8
August ...	74·9	72·5	76·2	76·5	74·4	72·4	18·9	10·6	21·0	28·3	15·6	9·0
September ...	73·1	70·2	75·1	75·3	71·9	69·1	14·4	7·3	17·0	23·1	10·0	6·4
October ...	64·2	60·1	66·7	67·4	62·5	58·8	11·9	5·3	14·7	20·1	7·7	4·5
November ...	59·8	55·7	62·2	63·7	57·7	53·9	8·9	4·4	10·6	14·8	5·7	3·9
December ...	51·5	47·4	53·5	55·1	49·9	45·2	3·4	1·1	4·1	6·6	1·8	1·2
Year ...	63·9	60·2	65·8	66·7	62·7	58·6	11·4	5·8	13·3	18·2	8·3	5·5

7. LUDHIANA.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	49·2	42·4	51·8	53·5	11·1	4·6	1·0	4·8	10·6
March ...	59·0	53·3	61·2	62·6	9·3	7·2	2·3	10·0	14·1
April ...	63·0	58·8	64·3	65·8	7·0	11·2	4·4	15·5	19·3
May ...	67·8	64·0	69·0	70·3	6·3	15·2	6·8	20·1	24·8
June ...	73·3	69·3	74·2	76·3	7·0	17·8	10·2	21·6	26·3
July ...	76·3	74·1	76·9	77·8	3·7	13·6	8·1	16·2	19·7
August ...	76·1	72·9	77·4	78·1	5·2	14·3	7·9	15·3	21·8
September ...	73·3	69·0	75·0	75·8	6·8	11·3	5·2	14·3	19·2
October ...	64·9	58·8	67·5	68·3	9·5	9·5	4·1	12·5	17·6
November ...	59·7	53·1	62·3	63·8	10·7	8·1	3·1	10·5	15·6
December ...	52·2	46·9	53·2	56·5	9·6	3·2	0·7	3·1	6·6
Year ...	...	...	...	...	..	...	...	...	...

8. SIMLA.

MONTH.	10-30 hours.	3-30 hours.	DIFFERENCE, DRY AND WET BULB. 10-30 hours.	3-30 hours.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.
January ...	37·7	39·6	6·7	5·3	51·8	45·4	53·5	56·6	11·2
February ...	37·0	39·4	7·5	6·1	50·7	44·5	52·5	55·2	10·7
March ...	44·5	46·0	8·1	7·9	61·0	55·8	62·8	64·3	8·5
April ...	51·0	?	8·8	?	69·2	61·2	67·8	69·5	8·3
May ...	56·2	56·0	11·0	11·0	71·1	66·6	72·9	73·9	7·3
June ...	60·3	61·0	12·9	13·4	75·1	71·6	76·5	77·2	5·6
July ...	62·2	63·9	8·2	8·9	77·1	74·6	78·1	78·6	4·0
August ...	63·8	64·4	7·7	9·3	76·9	74·1	77·8	78·9	4·8
September ...	60·1	61·7	8·3	8·2	72·6	68·6	74·5	74·7	6·1
October ...	53·2	53·1	9·3	8·9	66·0	61·5	67·8	68·7	7·2
November ...	50·2	49·8	8·5	7·5	61·4	54·8	63·7	65·7	10·9
December ...	?	?	?	?	53·4	47·3	55·0	57·8	10·5
Year ...	?	?	?	?	65·3	60·5	66·9	68·4	7·9

9. DELHI.

MONTH.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.
January ...	5·4	3·0	5·2	9·3	50·0	41·1	53·4	55·4	14·3
February ...	7·6	4·2	6·9	12·7	48·6	41·6	51·1	53·1	11·5
March ...	10·0	4·9	11·6	17·0	58·3	52·6	60·8	61·6	9·0
April ...	12·5	7·1	16·0	19·6	64·2	59·5	66·4	66·8	7·3
May ...	17·0	11·1	19·3	24·5	69·5	65·2	71·7	71·5	6·3
June ...	18·2	12·1	19·2	25·7	73·5	70·8	75·1	74·7	3·9
July ...	14·5	9·3	14·8	20·6	76·8	74·4	77·9	78·0	3·6
August ...	16·8	10·6	17·5	23·7	75·3	72·7	76·9	76·4	3·7
September ...	17·8	12·2	19·5	25·3	72·3	68·4	74·4	74·0	5·6
October ...	12·7	8·1	13·2	19·1	63·5	57·3	66·4	66·8	9·5
November ...	11·3	7·6	12·9	17·3	59·5	52·4	62·4	63·8	11·4
December ...	5·7	8·4	5·5	9·6	51·5	45·1	53·9	55·6	10·5
Year ...	12·5	7·8	13·4	18·7	63·6	58·4	65·9	66·5	8·1

10. SIRSA

MONTH.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	4·3	2·4	6·1	9·7
February ...	7·5	2·0	9·0	15·5
March ...	11·6	4·9	14·2	20·7
April ...	12·8	5·2	17·0	22·5
May ...	16·2	8·3	21·7	26·4
June ...	19·0	11·0	21·7	28·5
July ...	16·3	9·6	17·0	24·1
August ...	19·6	12·0	21·4	28·7
September ...	15·6	8·5	19·3	24·8
October ...	14·1	7·2	19·5	23·8
November ...	11·1	5·7	14·8	19·3
December ...	5·0	1·6	7·0	10·7
Year ...	12·8	6·5	15·7	21·2

11. Dera Ismail Khan.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	48·6	41·1	50·5	54·3	13·2	4·4	1·9	4·5	8·6
February ..	48·2	41·7	49·9	52·9	11·2	5·6	1·5	6·9	11·4
March ...	57·8	51·5	59·5	62·3	10·8	9·9	4·1	11·7	17·5
April ...	63·9	60·0	65·5	66·3	6·3	7·9	3·3	10·7	14·0
May ...	70·6	66·7	71·4	73·6	6·9	12·7	6·0	16·8	20·3
June ...	75·5	70·6	77·4	78·4	7·8	15·1	8·2	17·5	24·0
July ...	79·3	75·5	80·6	81·8	6·3	...	6·7	...	...
August ...	74·6	70·9	74·1	78·9	8·0	...	8·9	...	...
September ...	73·3	67·8	75·7	76·4	8·6	13·1	6·7	15·3	21·9
October ...	63·0	55·9	65·8	67·2	11·3	11·3	6·1	15·2	19·3
November ...	58·8	52·5	61·1	62·7	10·2	6·0	2·9	9·6	11·4
December ...	50·1	43·4	52·2	54·7	11·3	3·6	2·2	5·1	7·1
Year ...	63·6	58·1	65·3	67·5	9·4	...	4·9	...	...

12. Mooltan.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	49·7	42·9	51·5	54·6	11·7	5·2	1·9	6·0	10·4
February ...	48·2	42·3	48·7	53·6	11·3	7·3	3·2	9·8	11·8
March ...	59·0	53·0	60·2	63·6	10·6	9·7	4·8	11·1	16·0
April ...	62·7	59·9	61·3	66·9	7·0	11·8	4·5	14·9	17·6
May ...	71·4	67·3	71·2	75·6	8·3	14·9	7·7	15·7	21·9
June ...	76·3	72·0	76·2	80·7	8·7	17·4	10·3	19·2	24·3
July ...	77·8	75·0	77·2	81·3	6·3	14·2	8·1	15·9	19·5
August ...	77·5	72·6	77·4	82·5	9·9	12·8	8·4	13·1	17·1
September ...	73·3	70·1	73·2	76·5	6·4	10·3	6·0	12·2	14·6
October ...	65·0	58·7	66·0	70·3	11·6	8·8	5·8	11·5	12·8
November ...	56·1	52·7	55·0	60·7	8·0	9·4	4·7	14·7	12·8
December ...	49·2	43·4	50·5	53·7	10·3	6·5	6·2	6·4	8·1
Year ...	63·9	59·2	64·0	68·3	9·1	10·7	6·0	12·5	15·6

13. Ajmere.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	51·2	40·9	52·5	60·1	19·2	6·2	2·4	9·2	12·9
February ...	50·4	39·9	52·6	58·7	18·8	9·2	3·0	11·7	17·0
March ...	59·6	48·5	63·1	67·1	18·6	13·5	7·4	16·3	21·0
April ...	64·0	54·7	67·0	70·4	15·7	16·4	8·7	19·9	22·7
May ...	68·7	60·4	71·6	74·2	13·8	18·4	13·3	19·5	24·9
June ...	74·1	67·7	76·5	78·1	10·4	17·8	15·2	17·9	24·5
July ...	73·7	67·6	75·4	78·0	10·4	10·6	9·8	10·1	15·8
August ...	72·6	66·3	74·6	76·9	10·6	14·3	11·5	13·5	21·6
September ...	71·8	65·7	73·9	75·8	10·1	13·0	8·6	14·9	21·9
October ...	65·7	58·0	68·6	70·4	12·4	10·8	6·6	15·1	19·5
November ...	61·8	52·7	64·8	67·8	15·1	9·1	4·3	14·4	18·4
December ...	...	...	55·6	62·3	...	...	...	8·3	12·1
Year ...	...	...	66·4	70·0	...	...	...	14·2	19·4

14. Chakrata.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	34·9	30·4	36·9	37·4	7·0	4·5	3·6	4·8	4·3
February ...	33·0	27·8	34·5	36·6	8·8	4·9	4·6	4·8	4·4
March ...	41·2	35·3	43·9	44·5	9·2	5·5	4·3	7·4	5·9
April ...	46·0	38·3	50·7	49·0	10·7	7·2	6·1	8·8	7·9
May ...	51·0	42·9	55·2	55·0	12·1	11·6	9·5	11·3	14·6
June ...	57·4	53·2	59·4	59·7	6·5	8·9	6·5	8·8	10·9
July ...	61·5	58·0	62·7	63·8	5·8	3·3	2·3	4·1	3·3
August ...	62·1	58·1	63·6	64·5	6·4	3·9	3·1	3·8	3·4
September ...	58·0	52·5	60·3	61·2	8·7	6·5	5·7	6·7	5·9
October ...	48·6	43·2	51·2	51·4	8·2	7·9	7·0	9·0	8·6
November ...	44·7	39·6	47·5	47·1	7·5	8·6	7·1	9·9	8·9
December ...	37·9	33·1	40·1	40·4	7·3	6·8	6·1	7·8	6·1
Year ...	48·0	42·7	50·5	50·9	8·2	6·6	5·5	7·3	7·0

15. MUSSOOREE.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				9-30 hours.	3-30 hours.	Difference, Dry and Wet Bulb.	
						Mean.	Minimum.	10 hours.	16 hours.			9-30 hours.	3-30 hours.
January	...	...	...	...	...	...	...	...	...	50·2	54·6	3·6	9·5
February	...	...	...	...	...	...	...	...	...	48·9	53·9	3·7	10·3
March	...	...	...	...	...	...	...	...	...	57·2	60·6	6·9	13·1
April	...	...	...	...	...	...	...	...	...	62·4	63·8	10·6	16·3
May	...	...	...	...	...	...	...	...	...	68·9	69·7	13·6	19·9
June	...	...	...	...	...	...	...	...	...	75·1	75·9	12·1	17·7
July	...	...		...	...	...	...	...	...	76·8	79·1	7·5	10·7
August	...	...	...	...	...	...	...	...	...	76·0	78·3	7·7	10·9
September	...	...	...	...	...	...	...	...	...	72·6	74·9	9·9	14·1
October	...	...	...	...	...	...	...	...	...	64·2	65·9	9·6	14·5
November	...	...	...	...	...	...	...	...	...	59·1	62·1	9·7	15·4
December	43·2	38·1	45·3	46·2	8·1	4·3	5·9	7·7	4·9	52·4	56·4	4·8	9·1
Year	...	...	...	...	...	...	...	...	...	63·7	66·3	8·3	13·4

16. DEHRA.

17. ROORKEE.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January	52·0	45·1	53·9	57·1	12·0	4·6	1·6	3·6	8·5	39·3	35·7	40·2	42·1	6·4	4·2	3·6	4·6	4·8
February	51·4	43·5	53·1	57·6	14·1	4·2	1·6	4·4	7·8	38·0	33·8	38·9	41·3	7·5	5·3	3·8	5·4	6·2
March	58·9	53·1	61·1	62·4	9·3	8·4	3·1	9·2	15·2	45·4	42·6	45·8	47·9	5·3	6·3	2·6	7·9	8·7
April	63·0	57·4	65·5	66·0	8·6	13·8	5·9	15·4	21·1	50·6	47·2	52·1	52·6	5·4	7·6	3·5	9·0	9·5
May	68·2	63·1	70·4	71·0	7·9	17·0	8·9	19·1	25·4	55·1	52·3	56·3	56·6	4·3	10·9	6·4	12·8	13·7
June	72·9	69·5	74·5	74·7	5·2	17·7	9·3	19·0	25·4	60·3	58·1	61·1	61·8	3·7	10·7	6·9	12·0	13·3
July	77·0	74·1	78·5	78·3	4·2	11·6	6·0	11·6	17·9	64·3	62·6	64·9	65·5	2·9	4·8	2·1	5·7	6·4
August	76·8	73·8	78·0	78·5	4·7	11·9	5·8	12·6	18·5	63·5	59·6	64·8	66·2	6·6	6·0	4·9	5·8	6·8
September	73·1	68·4	76·5	74·3	5·9	14·6	6·3	15·1	24·1	61·3	58·2	61·7	64·0	5·8	7·7	5·1	9·4	8·7
October	64·8	58·9	67·7	67·9	9·0	10·9	4·9	12·6	18·1	53·1	49·8	54·3	55·2	5·4	6·6	4·5	8·6	8·6
November	59·7	52·0	62·6	64·6	12·6	9·4	3·8	10·8	16·9	50·2	46·2	51·9	52·6	6·4	7·6	4·6	8·9	9·2
December	53·1	47·4	54·2	57·6	10·2	4·0	1·9	3·9	7·4	43·5	39·4	45·5	45·5	6·1	6·1	5·1	6·8	6·7
Year	64·2	58·9	66·3	67·5	8·6	10·7	4·9	11·4	17·2	52·1	48·8	53·1	54·3	5·5	7·0	4·4	8·1	8·6

18. RANIKHET.

19. MEERUT.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	51·7	44·1	53·8	57·1	13·0	4·9	2·2	3·8	8·1
February ...	50·4	42·9	52·9	55·4	12·5	6·2	2·7	5·1	10·8
March	60·4	54·2	62·8	64·2	10·0	9·5	3·7	10·0	15·5
April	65·2	58·9	67·9	68·7	9·8	12·2	5·0	14·1	19·2
May	70·3	64·2	73·1	73·6	9·4	15·6	8·2	17·2	22·9
June	75·8	70·7	77·9	78·7	8·0	16·0	8·8	17·1	22·1
July	77·4	73·6	79·1	79·4	5·8	13·5	9·0	12·7	16·9
August... ...	77·2	72·7	79·2	79·7	7·0	15·7	10·8	14·4	20·7
September ...	72·5	67·4	75·3	74·8	7·4	16·5	11·0	17·6	22·5
October ...	66·4	59·7	69·3	70·2	10·5	10·1	5·9	10·2	17·0
November ...	61·1	53·4	64·3	65·6	12·2	9·3	4·6	10·5	14·3
December ...	53·4	46·4	55·9	57·8	11·4	4·5	2·3	3·8	7·5
Year	65·2	59·0	67·6	68·8	9·8	11·2	6·2	11·4	16·5

20. BAREILLY.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	53·9	47·0	56·0	58·6	11·6	4·9	2·6	3·9	8·4
February ...	52·5	45·1	54·7	57·8	12·7	5·4	2·0	4·7	10·0
March	62·5	55·3	64·7	67·5	12·2	7·6	3·4	8·0	13·7
April	66·6	59·8	69·6	70·3	10·5	12·9	7·1	14·7	19·4
May	69·9	65·4	71·7	72·6	7·2	17·6	10·5	20·0	26·1
June	75·5	72·2	77·4	77·0	4·8	15·1	9·2	15·4	22·6
July	78·1	75·4	78·9	79·9	4·5	10·5	5·7	10·6	16·1
August... ...	77·8	74·7	79·2	79·4	4·7	11·8	7·0	12·8	17·7
September ...	74·0	70·3	76·6	75·2	4·9	15·2	8·2	14·6	24·8
October ...	67·3	63·0	69·5	69·5	6·5	8·9	3·9	9·9	16·6
November ...	61·7	55·1	64·1	65·9	10·8	7·8	3·1	8·3	15·8
December ...	54·6	48·8	55·6	59·5	10·7	3·5	1·7	3·9	7·2
Year	66·2	61·0	68·2	69·4	8·4	10·1	5·4	10·6	16·5

21. AGRA.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	53·4	48·0	54·7	57·6	9·6	7·1	1·7	6·1	11·7
February ...	51·4	45·3	52·5	56·3	11·0	9·8	2·5	9·5	16·7
March	62·5	57·9	63·5	66·0	8·1	14·1	5·0	14·3	21·6
April	67·5	64·1	68·1	70·3	6·2	17·4	7·8	18·5	24·4
May	71·6	69·1	72·2	73·4	4·3	20·6	11·1	22·4	26·9
June	76·3	74·6	76·7	77·7	3·1	20·3	12·3	22·0	27·2
July	78·0	76·0	78·7	79·3	3·3	15·0	8·0	14·8	19·5
August	77·5	75·7	77·9	78·9	3·2	18·8	10·5	18·2	23·7
September ...	73·7	71·5	74·7	75·0	3·5	19·7	9·7	20·2	26·3
October ...	68·2	64·8	69·1	70·8	6·0	13·2	6·1	14·5	19·4
November ...	63·5	58·7	64·2	67·5	8·8	12·6	4·8	14·0	19·2
December ...	55·1	49·8	56·1	59·4	9·6	6·4	2·6	6·2	10·4
Year	66·6	63·0	67·4	69·4	6·4	14·6	6·8	15·1	20·6

22. LUCKNOW.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean. 3 obs.	Minimum.	10 hours.	16 hours.
January ...	55·0	47·7	57·8	59·5	11·8	6·4	1·4	5·5	10·3
February ...	52·5	45·4	55·2	56·8	11·4	8·4	2·6	8·1	14·7
March	61·8	55·2	65·1	65·1	9·9	12·8	4·7	14·3	20·2
April	65·7	61·2	67·8	68·0	6·8	16·4	7·1	18·6	25·0
May	70·2	65·9	73·0	71·8	5·9	20·4	10·3	21·6	29·2
June	76·5	73·6	78·6	77·3	3·7	17·2	8·2	17·8	24·9
July	78·9	76·4	79·6	80·6	4·2	11·6	5·8	12·0	17·0
August	78·9	75·9	80·1	80·6	4·7	12·2	6·0	13·9	16·9
September ...	74·6	71·3	77·1	75·4	4·1	16·4	7·2	17·2	24·8
October ...	68·3	63·7	70·8	70·5	6·8	10·1	3·1	12·2	17·6
November ...	62·6	55·3	66·0	66·4	11·1	10·6	2·9	12·8	18·9
December ...	55·6	48·4	57·7	60·6	12·2	5·3	1·9	5·5	9·3
Year	66·7	61·7	69·1	69·4	7·7	12·3	5·1	13·3	19·1

23. GORAKHPUR.

MONTH	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	56·3	49·4	58·5	61·0	11·6	5·7	3·5	5·9	10·1
February ...	54·8	47·6	57·4	59·3	11·7	6·8	2·9	7·8	12·2
March	67·4	58·1	70·8	73·4	15·3	6·4	4·5	8·3	11·6
April	...	60·4	70·8	...	...	...	9·1	15·0	...
May	74·4	69·2	76·8	77·2	8·0	13·2	6·9	13·2	21·3
June	79·9	75·4	81·8	82·5	7·1	9·4	4·9	9·5	15·7
July	79·3	76·5	80·5	80·9	4·4	7·0	3·9	7·8	12·1
August ...	80·0	76·9	80·9	82·1	5·2	5·8	2·7	7·2	8·9
September ...	78·4	75·6	80·0	79·7	4·1	8·9	2·8	9·5	16·0
October ...	70·3	66·4	72·2	72·3	5·9	7·1	1·9	9·4	13·9
November ...	64·9	58·7	67·5	68·4	9·7	6·4	0·4	9·5	15·9
December ...	...	...	59·3	62·3	...	...	...	4·4	8·8
Year	...	...	71·4	...	...	...	...	9·0	...

24. JHANSI.

MONTH	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 ours.
January ...	54·3	49·4	55·8	57·6	8·2	8·8	3·9	10·2	11·9
February ...	52·6	47·7	53·8	56·2	8·5	10·9	4·9	12·4	16·0
March	61·2	57·1	62·1	64·3	7·2	16·0	8·7	18·4	21·7
April	67·1	63·7	68·2	69·3	5·6	17·0	11·8	18·5	21·6
May	71·4	70·1	71·4	72·6	2·5	20·5	10·5	23·9	27·7
June	74·8	73·3	75·3	75·8	2·5	20·5	11·7	22·5	24·7
July	76·4	74·4	77·1	77·6	3·2	13·7	8·0	14·1	19·6
August ...	76·3	73·5	77·4	77·9	4·4	14·0	9·3	14·8	18·1
September ...	74·4	70·8	76·1	76·4	5·6	14·4	8·6	16·2	20·0
October ...	68·0	63·1	70·0	70·9	7·8	13·8	8·2	15·9	18·6
November ...	61·9	55·0	64·5	66·1	11·1	16·0	8·9	18·1	20·4
December ...	56·5	51·0	58·5	60·1	9·1	8·3	3·6	9·5	12·3
Year	66·2	62·4	67·5	68·7	6·3	14·5	8·2	16·2	19·4

25. NOWGONG.

MONTH.	Mean. 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...
April	...	...	...	...	..	...	...	...	...
May	...	...	...	...	...	...	...	...	...
June	75·0	73·3	76·2	75·4	2·1	18·6	11·2	22·3	27·2
July	76·8	75·1	77·6	77·6	2·5	10·8	6·0	13·1	16·5
August ...	76·8	75·1	77·5	77·8	2·7	10·8	6·4	13·6	15·9
September ...	74·8	72·1	76·2	76·2	4·1	11·7	5·3	14·0	19·3
October ...	67·5	63·4	69·3	69·7	6·3	12·1	5·1	14·7	20·9
November ...	60·8	53·3	63·8	65·2	11·9	12·1	6·1	15·5	21·2
December ...	56·5	49·8	58·2	61·4	11·6	7·4	3·3	9·0	13·2
Year	...	...	...	...	...	...	...	...	...

26. SUTNA.

MONTH.	Mean. 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	55·5	49·7	57·6	59·3	9·6	5·9	1·8	6·9	12·0
February ...	52·0	46·4	53·9	55·6	9·2	9·2	2·7	11·2	17·6
March	60·3	56·3	61·7	62·9	6·6	14·5	6·3	18·9	24·1
April	65·0	61·7	67·3	65·9	4·2	16·4	7·9	20·4	27·3
May	68·5	65·5	70·3	69·7	4·2	19·3	11·0	23·4	29·5
June	73·2	71·0	74·9	73·8	2·8	18·9	12·2	21·3	27·2
July	75·3	73·2	75·9	76·7	3·5	10·6	6·7	11·8	15·2
August ...	75·3	72·8	76·4	76·7	3·9	8·4	5·8	9·9	12·2
September ...	73·8	70·9	75·5	74·9	4·0	9·9	4·7	11·9	16·8
October ...	66·6	62·3	69·2	68·4	6·1	10·5	5·2	13·5	15·4
November ...	59·8	52·1	63·6	63·7	11·6	11·9	6·0	16·5	21·5
December ...	55·0	47·9	57·3	59·7	11·8	9·0	4·3	11·0	16·1
Year	65·0	60·8	67·0	67·3	6·5	12·0	6·2	14·7	19·8

27. ALLAHABAD.

Month	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	Difference, Dry and Wet Bulb. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.
January ...	56·9	52·3	57·8	61·4	56·1	50·7	3·3	0·5	4·0	7·8	1·1	1·3
February ...	54·0	49·1	55·6	58·7	52·6	47·7	5·8	0·9	7·2	12·2	2·8	1·5
March ...	63·7	59·4	65·6	67·2	62·4	58·1	10·9	3·7	13·5	19·6	7·0	3·4
April ...	69·2	65·7	71·6	72·0	68·0	64·7	14·0	6·0	16·6	22·5	10·2	5·2
May ...	73·5	70·5	75·9	75·5	71·9	69·2	17·6	9·5	20·3	26·2	14·7	8·9
June ...	78·5	76·8	80·0	79·9	77·5	75·3	14·6	7·8	17·6	21·6	11·1	7·7
July ...	79·5	77·7	80·2	80·9	79·0	76·8	10·8	6·8	12·2	15·7	8·7	5·6
August ...	80·1	78·4	80·7	81·5	79·8	77·1	10·4	6·0	12·2	15·3	8·0	4·6
September ...	78·3	75·9	80·2	79·7	77·3	74·5	10·7	4·8	12·1	18·0	7·9	3·6
October ...	70·6	67·5	72·6	73·4	69·0	65·7	9·1	3·8	11·6	15·1	5·9	2·8
November ...	63·9	59·0	66·6	68·8	61·7	56·9	9·8	3·6	11·8	16·7	6·5	3·0
December ...	57·9	52·4	59·4	63·6	56·0	50·2	5·2	1·9	6·2	9·6	3·2	1·6
Year ...	68·8	65·4	70·5	71·9	67·6	63·9	10·2	4·6	12·1	16·7	7·3	4·1

28. BENARES.

Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum	10 hours.	16 hours.
56·1	49·2	58·4	60·8	11·6	5·3	1·2	5·6	9·7
53·9	47·3	56·2	58·3	11·0	7·1	1·5	8·4	13·8
63·0	58·1	64·8	66·0	7·9	12·2	3·1	15·4	21·9
68·6	63·8	70·6	71·3	7·5	14·6	6·4	17·9	23·9
72·9	68·7	75·1	75·0	6·3	17·9	9·4	20·5	26·6
78·6	76·3	80·3	79·2	2·9	14·8	7·3	16·3	22·1
78·5	76·3	79·3	80·0	3·7	8·8	4·2	10·1	13·4
79·2	76·7	80·1	80·8	4·1	8·0	3·2	8·7	12·2
76·9	74·5	78·3	77·5	2·7	8·2	3·0	8·9	18·6
69·7	65·4	71·9	71·8	6·4	8·8	2·6	13·0	16·7
63·5	56·6	66·3	67·5	10·9	9·9	2·2	13·4	18·8
56·4	49·5	58·6	61·0	11·5	6·3	1·5	8·4	13·0
68·1	63·6	70·0	70·8	7·2	10·2	3·8	12·2	17·6

29. SIBSAGAR.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	54·9	47·0	56·7	60·9	13·9	4·1	0·3	1·5	8·5
February ...	56·3	50·0	58·1	60·7	10·7	5·1	0·5	3·4	9·5
March	62·5	57·7	63·6	66·3	8·6	5·5	0·9	4·8	9·5
April	67·3	63·5	68·2	70·2	6·7	5·4	1·1	5·2	9·3
May	72·4	69·0	73·3	74·8	5·8	4·4	1·1	4·1	6·9
June	77·9	75·2	78·5	80·1	4·9	5·7	1·5	5·0	7·8
July	78·8	76·2	79·4	80·9	4·7	4·7	1·6	4·1	6·7
August... ...	79·0	76·4	79·5	81·2	4·8	5·4	1·8	4·7	8·8
September ...	76·8	74·3	77·4	78·8	4·5	3·9	1·3	3·2	6·0
October ...	71·8	68·1	73·0	74·2	6·1	4·3	1·0	3·9	8·1
November ...	65·7	60·3	67·7	69·2	8·9	3·7	0·6	2·4	7·9
December ...	58·4	52·2	59·5	63·6	11·4	3·4	0·3	1·1	6·2
Year	68·5	64·2	69·5	71·7	7·5	4·6	1·0	3·6	7·9

30. GOALPARA.

Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
57·6	52·4	58·7	61·6	9·2	5·6	1·4	4·1	9·5
56·8	51·8	58·2	60·3	8·5	7·8	2·8	6·6	12·4
63·7	59·4	65·5	66·1	6·7	9·8	3·9	9·6	14·7
68·8	64·6	70·8	71·1	6·5	6·7	1·9	6·0	11·5
73·4	69·6	74·7	76·0	6·4	4·6	1·3	4·0	7·2
78·1	75·5	79·4	79·4	3·9	4·9	1·2	4·9	6·2
78·1	75·6	79·2	79·5	3·9	3·3	1·2	3·2	4·2
78·6	75·9	79·8	80·0	4·1	4·9	2·0	4·8	7·2
76·6	74·1	77·4	78·4	4·3	3·1	1·3	2·8	4·1
72·0	68·7	73·8	73·5	4·8	5·1	1·6	5·2	8·6
66·9	61·7	68·8	70·1	8·4	5·6	2·0	5·5	9·3
60·0	55·3	60·5	64·1	8·8	4·7	1·0	2·9	8·2
69·2	65·4	70·6	71·7	6·3	5·5	1·8	5·0	8·6

31. DARJEELING.

Month	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	38·9	34·5	39·8	42·4	7·9	3·0	1·1	4·0	4·2
February ...	37·3	33·5	38·3	40·2	6·7	2·7	1·6	3·2	3·4
March	45·7	41·2	47·2	48·6	7·4	4·5	2·8	5·7	6·0
April	49·9	45·1	51·5	53·1	8·0	3·1	2·4	3·1	4·1
May	55·7	51·4	57·2	58·5	7·1	2·8	2·1	3·4	3·2
June	61·5	58·1	62·3	64·2	6·1	2·1	1·2	2·3	2·9
July	62·5	59·7	63·7	64·2	4·5	1·4	1·0	1·4	2·0
August... ...	62·5	59·1	63·7	64·6	5·5	2·1	1·3	2·1	3·0
September ...	59·9	56·8	61·1	61·8	5·0	1·5	1·1	1·7	2·0
October ...	53·3	48·9	54·4	56·7	7·8	3·4	2·7	4·0	3·6
November ...	48·4	42·6	50·2	52·5	9·9	3·5	2·4	5·1	4·1
December ...	42·5	37·8	44·0	45·7	7·9	2·5	1·8	3·3	3·3
Year	51·5	47·4	52·8	54·4	7·0	2·7	1·8	3·3	3·5

32. PURNEAH.

Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
57·8	51·2	60·1	62·2	11·0	...	...	5·0	9·5
55·8	49·1	57·8	60·5	11·4	...	...	8·4	12·0
64·3	59·5	66·4	67·1	7·6	12·3	4·7	12 3	18·9
68·7	63·9	70·7	71·4	7·5	11·0	2·7	12·0	18·5
75·3	71·8	76·5	77·5	5·7	8·3	1·9	9·4	13·8
79·8	76·9	81·2	81·2	4·3	5·8	1·9	7·1	9·2
79·2	77·4	80·1	80·2	2·8	3·9	1·5	4·3	5·1
80·0	77·9	80·6	81·6	3·7	5·1	1·4	5·6	7·0
78·9	76·7	79·9	80·1	3·4	4·5	1·3	4·9	6·7
72·6	69·3	74·3	74·1	4·8	6·0	1·5	7·6	10·4
66·1	59·6	69·2	69·6	10·0	7·0	1·2	8·9	12·4
58·3	50·6	61·2	63·1	12·5	5·1	1·1	5·8	10·0
69·7	65·3	71·5	72·4	7·1	...	...	7·6	11·1

33. DURBHANGA.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	58·7	52·7	60·7	62·6	9·9	3·2	0·6	5·0	8·0
February ...	56·6	50·8	59·0	60·1	9·3	4·6	0·5	7·4	10·9
March	64·3	59·3	66·4	67·2	7·9	8·7	3·1	12·4	16·5
April	68·2	64·1	70·1	70·3	6·2	11·1	4·5	13·3	19·7
May	74·7	71·6	76·1	76·3	4·7	8·6	3·3	9·9	15·4
June	79·7	76·8	81·3	80·9	4·1	7·3	3·2	8·1	13·0
July	79·6	77·1	80·5	81·1	4·0	4·6	2·4	5·3	7·8
August... ...	80·3	78·5	80·9	81·6	3·1	4·1	1·7	5·3	7·1
September ...	79·3	77·4	80·0	80·6	3·2	4·1	1·6	5·1	7·2
October ...	72·5	69·7	73·6	74·1	4·4	5·5	1·7	6·8	10·6
November ...	67·2	62·7	69·2	69·6	6·9	5·7	1·3	6·9	12·3
December ...	59·1	53·3	60·6	63·5	10·2	4·0	1·0	4·2	8·3
Year	70·0	66·2	71·5	72·3	6·1	6·0	2·1	7·5	11·4

34. PATNA.

Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
57·2	50·2	59·6	61·7	11·5	4·8	1·7	5·2	8·3
54·8	47·5	57·7	59·1	11·6	6·3	1·9	6·9	10·9
63·4	58·1	65·7	66·4	8·3	12·0	3·9	14·0	19·0
67·6	64·0	69·3	69·5	5·5	16·8	7·5	18·8	24·2
74·0	71·1	75·6	75·4	4·3	13·3	5·4	14·6	19·8
79·9	78·0	80·9	80·9	2·9	10·5	4·2	11·0	16·3
79·7	77·6	80·3	81·3	3·7	6·8	2·7	6·8	9·8
80·3	78·4	81·0	81·6	3·2	6·0	1·8	6·6	8·6
78·7	76·9	79·5	79·8	2·9	8·1	2·7	9·0	11·5
71·4	68·2	72·8	73·1	4·9	8·6	2·6	10·8	13·1
65·0	58·8	67·7	68·4	9·6	9·2	2·3	11·9	14·9
56·9	49·2	59·4	62·2	13·0	5·9	2·4	6·5	9·2
69·1	64·8	70·3	71·6	6·7	9·0	3·3	10·2	13·8

35. Gya.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	57·4	50·4	60·3	61·4	11·0	6·5	2·7	7·1	10·3
February ...	55·3	49·8	57·3	58·8	9·0	8·8	2·2	11·5	13·3
March ...	63·6	58·8	64·9	67·2	8·4	13·2	4·9	17·3	18·8
April	70·8	64·3	73·1	75·0	10·7	13·7	6·6	16·4	19·5
May	78·9	71·0	81·8	83·9	12·9	10·1	5·4	10·8	13·6
June	81·2	76·4	82·7	84·4	8·0	9·7	4·3	10·2	14·7
July	80·5	76·5	81·8	83·1	6·6	6·5	3·8	6·5	9·5
August ...	79·6	76·5	80·9	81·4	4·9	5·5	2·4	5·8	8·2
September ...	79·0	75·7	80·3	80·9	5·2	8·3	3·8	9·0	11·6
October ...	71·9	67·7	73·2	74·8	7·1	8·8	3·3	9·4	13·6
November ...	64·5	59·5	66·3	67·6	8·1	11·0	3·8	12·0	18·9
December ...	57·6	51·2	59·7	61·8	10·6	8·5	2·9	13·6	13·5
Year	70·0	64·8	71·9	73·4	8·6	9·2	3·8	10·8	13·8

36. Hazaribagh.

Mean. 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
54·5	50·1	56·4	57·5	7·4	6·5	2·1	8·2	11·3
51·3	46·7	52·9	55·2	8·5	8·7	3·9	10·8	14·6
59·0	54·3	60·7	61·8	7·5	13·8	7·4	17·2	20·6
62·9	59·3	64·9	64·7	5·4	16·1	8·3	19·2	24·0
67·8	65·1	68·8	69·1	4·0	15·7	7·7	19·4	22·1
73·3	70·8	74·5	74·0	3·2	10·9	5·0	13·4	16·3
74·8	71·9	75·0	75·9	4·0	5·7	2·5	7·3	9·2
74·6	71·9	75·1	75·5	3·6	4·4	1·9	6·0	6·0
73·6	70·9	74·5	74·4	3·5	6·9	2·3	9·0	10·8
66·0	62·8	67·6	67·5	4·7	9·3	4·1	12·3	13·8
59·9	55·1	62·3	62·5	7·4	11·3	4·9	15·2	16·8
53·6	48·4	55·9	57·2	8·8	9·0	3·9	11·3	14·3
64·3	60·6	65·7	66·3	5·7	9·9	4·5	12·4	15·0

37. Berhampore.

Month.	Mean. 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	58·8	53·0	60·9	62·6	9·6	5·6	2·1	5·8	11·1
February ...	57·2	51·7	59·4	60·5	8·8	6·9	2·3	8·1	13·5
March	66·6	62·6	68·1	69·0	6·4	9·5	2·6	12·3	19·0
April	70·4	66·6	72·2	72·5	5·9	10·1	4·3	13·8	18·7
May	75·5	72·3	77·9	76·4	4·1	9·2	4·4	12·6	17·9
June	79·0	76·2	80·4	80·4	4·2	4·3	2·2	7·0	8·5
July	79·2	77·0	80·1	80·6	3·6	3·2	1·9	4·4	5·7
August	79·1	77·4	79·7	80·3	2·9	3·3	1·5	5·0	5·8
September ...	79·1	77·0	80·1	80·3	3·3	3·9	2·0	5·0	7·1
October ..	73·9	71·5	75·0	75·2	3·7	5·5	2·2	7·8	9·9
November ...	68·5	64·3	70·6	70·5	6·2	6·3	1·5	8·4	12·1
December ...	60·3	54·2	62·2	64·5	10·3	5·6	1·8	7·1	10·6
Year	70·6	67·0	72·2	72·7	5·7	6·1	2·4	8·1	11·7

38. Burdwan.

Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
61·2	55·3	63·0	65·4	10·1	5·7	0·9	7·3	11·3
60·1	54·4	61·6	64·2	9·8	6·4	1·1	8·9	12·7
70·0	65·0	72·1	72·9	7·9	9·2	3·7	11·0	17·8
73·2	68·8	75·4	75·5	6·7	9·7	4·0	12·3	18·6
77·8	73·6	80·0	79·8	6·2	7·7	3·0	10·7	16·9
80·7	77·1	82·4	82·7	5·6	4·5	2·2	6·3	9·3
80·9	77·2	81·9	83·5	6·3	3·1	1·9	4·3	5·6
80·5	77·7	81·5	82·2	4·5	2·7	1·5	4·1	5·1
80·8	78·0	81·8	82·6	4·6	3·6	1·4	5·3	6·6
76·5	72·9	78·0	78·6	5·7	4·5	1·4	6·9	8·7
70·6	65·3	72·5	73·9	8·6	6·4	1·2	9·4	11·8
62·0	55·5	63·4	67·2	11·7	6·5	2·2	8·7	11·1
72·9	68·4	74·5	75·7	7·3	5·8	2·0	7·9	11·3

39. JESSORE.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	59·8	52·0	63·4	64·1	12·1	4·8	1·7	6·9	8·5
February ...	59·7	52·7	62·0	64·3	11·6	5·3	1·3	8·1	10·2
March ...	70·7	65·6	73·0	73·5	7·9	6·7	2·2	8·7	13·8
April ...	74·5	69·9	76·9	76·6	6·7	5·9	2·6	8·1	12·8
May ...	78·5	73·9	81·0	80·5	6·6	4·0	2·3	6·5	8·9
June ...	80·0	77·3	81·0	81·6	4·3	2·9	1·4	5·0	6·3
July ...	79·8	76·8	80·7	82·0	5·2	2·5	1·4	4·0	4·5
August ...	79·4	77·1	80·2	80·9	3·8	2·5	1·0	4·1	4·8
September ...	79·9	77·7	80·8	81·1	3·4	2·9	1·3	4·9	5·1
October ...	76·0	73·0	77·4	77·7	4·7	4·4	1·3	7·3	8·0
November ...	70·9	64·2	73·8	74·8	10·6	4·3	1·1	7·3	7·4
December ...	61·2	54·2	64·6	64·8	10·6	6·0	1·5	8·8	10·3
Year ..	72·5	67·9	74·6	75·2	7·3	4·4	1·6	6·6	8·4

40. DACCA.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	60·9	54·7	63·7	64·2	9·5	5·0	1·2	6·4	10·9
February ...	59·0	53·2	61·7	62·2	9·0	8·5	2·0	9·7	13·7
March ...	69·5	65·3	71·7	71·4	6·1	8·1	2·2	8·9	14·4
April ...	73·8	69·4	76·4	75·6	6·2	5·9	1·9	7·1	9·3
May ...	77·5	73·3	80·0	79·1	5·8	5·8	2·0	7·2	8·2
June ...	79·4	76·8	80·7	80·8	4·0	4·1	1·4	4·3	5·4
July ...	79·9	77·5	81·1	81·1	3·6	3·7	1·9	3·7	4·6
August ...	79·7	77·4	80·6	81·2	3·8	4·2	1·6	3·9	5·2
September ...	79·7	77·3	81·2	80·5	3·2	4·3	1·6	4·8	5·3
October ...	75·9	73·0	77·7	76·9	3·9	6·2	1·4	6·8	9·0
November ...	69·8	65·3	72·8	71·3	6·0	6·8	1·3	7·9	11·1
December ...	62·3	56·4	65·2	65·2	8·8	6·8	1·4	7·1	11·4
Year ...	72·3	68·3	74·4	74·1	5·8	5·9	1·7	6·5	9·0

41. SILCHAR.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	58·8	51·7	61·1	63·7	12·0	5·0	1·0	4·3	10·9
February ...	58·9	52·2	61·1	63·3	11·1	5·6	0·9	5·4	11·7
March ...	66·7	61·4	68·6	70·1	8·7	6·0	1·4	6·0	11·7
April ...	70·8	66·1	72·5	73·9	7·8	5·9	1·6	6·4	10·4
May ...	74·3	70·3	75·8	76·7	6·4	5·1	1·6	5·7	8·4
June ...	78·3	75·5	79·6	79·9	4·4	5·0	1·4	5·7	8·1
July ...	78·5	76·1	79·2	80·3	4·2	3·3	1·2	4·0	5·0
August ...	78·2	75·3	79·0	80·4	5·1	5·1	1·9	5·3	8·3
September ...	77·4	75·0	78·3	79·0	4·0	3·4	1·1	3·4	5·8
October ...	74·4	69·6	75·8	77·7	8·1	4·5	1·3	4·9	5·4
November ...	69·4	63·8	71·4	73·0	9·2	5·4	1·7	6·3	9·8
December ...	61·4	54·4	63·2	66·6	12·2	4·3	0·9	4·1	9·1
Year ...	70·6	66·0	72·1	73·7	7·7	4·9	1·3	5·1	9·0

42. CHITTAGONG.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	61·0	55·0	63·2	64·8	9·8	6·8	1·1	6·4	11·7
February ...	61·7	55·1	63·9	66·0	10·9	6·3	1·6	6·4	9·8
March ...	68·9	63·6	71·2	71·8	8·2	7·0	1·3	8·7	11·1
April ...	73·5	67·4	76·2	76·9	9·5	6·4	2·9	6·9	8·8
May ...	77·0	71·8	79·1	80·0	8·2	6·7	3·3	7·7	8·6
June ...	78·0	73·8	80·2	80·1	6·3	3·4	2·8	5·2	6·0
July ...	77·8	74·4	79·2	79·9	5·5	3·5	1·7	4·2	3·8
August ...	79·0	74·8	81·4	80·9	6·1	2·4	0·9	2·8	3·2
September ...	78·3	74·7	79·8	80·5	5·8	3·7	1·3	4·4	5·0
October ...	75·1	71·2	76·9	77·3	6·1	4·8	0·6	6·5	7·8
November ...	70·6	65·5	73·0	73·4	7·9	5·3	0·6	6·3	8·4
December ...	63·1	56·6	65·1	67·5	10·9	6·1	1·6	6·0	9·4
Year ...	72·0	67·0	74·1	74·9	7·9	5·2	1·6	6·0	7·8

43. Calcutta.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	Difference, Dry and Wet Bulb.					
							Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.
January	62·5	59·6	63·2	64·4	62·8	58·6	5·2	2·5	5·9	10·3	3·4	2·1
February	62·0	60·0	61·9	63·3	62·9	58·1	6·0	2·7	7·9	11·6	3·5	2·7
March	72·5	70·8	73·1	73·9	72·2	69·1	7·0	2·9	8·2	13·3	4·9	3·6
April	...	...	76·4	76·8	..	Minimum not recorded.	...	...	8·5	13·6	...	...
May	...	...	79·9	80·5	...		...	...	8·5	12·3	...	...
June	...	...	81·0	81·1	...		...	...	5·8	7·8	...	...
July	...	...	80·3	80·9	...		...	...	3·0	5·3	...	...
August	...	...	79·9	80·6	...		...	...	3·8	4·7	...	...
September	...	...	80·3	80·6	...		...	...	5·1	6·1	...	...
October	...	...	77·1	76·7	...		...	...	6·9	8·9	...	...
November	...	...	71·9	71·4	..		...	...	8·1	11·5	...	...
December	...	...	63·6	65·0	...		...	...	7·9	11·5	...	...
Year	...	...	74·1	74·6	...		...	...	6·6	9·7	...	...

44. Alipore.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minimum.	Difference, Dry and Wet Bulb.					
							Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.
January ...	...	...	...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...	...	...	...
April ...	74·4	73·0	76·1	74·8	72·4	71·6	5·4	1·8	8·9	14·9	4·5	1·8
May ...	77·4	75·9	78·7	78·9	76·4	74·4	5·4	2·4	9·9	13·4	4·0	2·6
June ...	79·4	78·3	80·5	79·8	78·5	76·8	3·2	1·6	6·0	8·1	2·7	1·7
July ...	79·4	78·2	80·2	80·4	78·9	76·7	2·4	1·5	3·9	5·0	2·0	1·3
August ...	79·3	78·4	79·3	80·1	79·4	77·7	2·2	1·3	4·2	4·5	2·0	0·8
September ...	79·4	78·4	80·0	80·1	79·1	77·3	2·9	1·3	5·1	5·7	2·1	1·0
October ...	75·1	73·7	76·1	75·7	74·8	73·1	4·0	1·5	7·3	9·0	2·7	1·1
November ...	69·0	66·4	70·7	70·5	68·2	65·2	5·0	0·8	8·2	12·4	2·5	0·7
December ...	61·1	57·6	62·5	63·8	60·4	56·5	5·8	2·4	8·1	12·9	3·2	1·3
Year ...	...	...	...	...	...	...	...	...	...	...	...	...

45. Saugor Island.

Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	Difference, Dry and Wet Bulb.					
						Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.
63·3	59·6	64·8	66·3	62·4	57·8	4·5	1·6	5·6	8·8	2·2	1·4
63·6	61·1	64·7	66·0	62·5	58·3	5·2	1·9	7·0	8·8	3·1	1·8
74·9	73·9	75·1	75·8	74·8	72·3	4·9	2·8	6·5	7·0	3·5	2·3
78·3	76·9	79·2	79·4	77·7	75·3	4·5	3·1	6·0	5·8	3·3	2·5
80·8	79·1	81·7	82·3	80·1	76·6	4·7	3·2	5·8	6·3	3·6	3·1
81·5	80·8	82·3	82·0	80·8	77·9	4·1	3·1	4·7	5·4	3·5	3·5
81·0	80·2	81·4	81·9	80·6	78·1	3·3	2·4	3·8	4·0	2·7	2·5
80·7	79·8	80·9	81·4	80·7	77·7	3·3	2·2	4·0	4·4	2·6	2·1
80·7	79·8	81·5	81·2	80·3	78·1	4·1	2·6	4·7	5·8	3·3	2·4
76·9	75·3	78·4	78·2	75·8	73·7	5·2	3·0	6·6	7·7	3·7	2·8
71·7	69·0	73·9	73·5	70·3	67·0	5·7	2·6	6·9	9·9	3·3	3·0
64·9	62·0	66·1	67·3	64·1	59·4	5·3	2·1	6·5	9·9	2·9	2·1
74·9	73·1	75·8	76·3	74·2	71·0	4·6	2·6	5·7	7·0	3·1	2·5

46. CUTTACK.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	63·5	59·7	64·5	66·2	6·5	7·6	0·7	8·9	14·0
February ...	65·3	62·5	66·3	67·1	4·6	6·5	1·1	7·8	11·9
March	71·9	70·5	73·4	71·8	1·3	11·1	1·4	12·5	20·8
April	74·5	73·0	75·5	75·1	2·1	10·7	1·8	13·0	15·7
May	78·1	76·6	78·8	79·0	2·4	10·1	1·8	12·3	17·2
June	79·8	77·9	80·5	80·9	3·0	6·8	1·6	8·6	11·3
July	79·3	78·1	79·4	80·4	2·3	5·6	1·2	7·3	9·2
August... ...	78·7	77·3	79·2	79·5	2·2	5·2	1·5	6·7	7·4
September ...	78·6	77·1	79·4	79·4	2·3	6·0	1·2	7·6	9·0
October ...	75·8	74·2	76·8	76·5	2·3	7·1	1·2	9·8	10·7
November ...	69·6	65·8	71·3	71·6	5·8	8·5	1·1	10·6	14·4
December ...	66·1	62·8	66·7	68·7	5·9	8·6	1·3	10·9	14·8
Year	73·4	71·3	74·3	74·7	3·4	7·8	1·3	9·7	13·3

47. FALSE POINT.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	DIFFERENCE, DRY AND WET BULB. Mean.	4 hours.	10 hours.	16 hours.	22 hours.
January ...	64·8	61·8	65·9	66·4	65·0	4·6	2·1	5·5	6·6	4·4
February ...	66·6	64·2	67·6	67·6	66·9	4·1	1·8	5·6	6·0	3·1
March	75·1	73·0	75·5	76·7	75·1	4·2	2·7	5·5	5·0	3·8
April	76·5	75·3	75·1	77·9	77·3	5·1	2·6	8·8	5·6	3·3
May	80·6	78·8	81·4	82·0	80·1	4·2	3·3	5·2	4·7	3·6
June	81·0	79·6	82·0	81·9	80·4	3·8	3·0	4·4	4·3	3·5
July	80·5	79·4	80·8	81·6	80·1	3·1	2·3	3·7	3·9	2·7
August... ...	79·6	78·6	79·9	80·5	79·2	3·0	2·0	3·7	4·0	2·4
September ...	80·4	78·9	81·2	81·4	80·1	3·7	2·3	4·7	4·6	3·1
October ...	78·9	77·3	79·9	80·1	78·3	4·5	2·1	5·6	6·2	4·3
November ...	...	...	...	...	..	...	...	...	...	...
December ...	...	...	68·2	68·1	...	...	...	8·5	9·4	...
Year	...	...	...	...	...	...	...	...	...	...

48. SAMBALPUR.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	62·0	57·5	59·5	69·1	11·6	5·9	0·8	10·2	8·3
February ...	65·9	60·7	62·2	74·8	14·1	6·7	1·4	9·6	8·2
March	70·5	64·0	67·9	79·6	15·6	8·6	2·8	15·5	11·7
April	73·7	68·3	72·5	80·2	11·9	9·9	3·8	14·2	14·8
May	75·5	71·5	76·0	78·9	7·4	13·2	6·3	16·2	20·7
June	78·5	76·4	79·0	80·1	3·7	10·1	5·1	11·2	15·6
July	78·7	75·9	79·2	81·0	5·1	4·7	1·9	5·8	8·0
August... ...	77·6	75·4	77·8	79·7	4·3	3·4	1·4	3·8	5·4
September ...	78·8	75·1	79·5	81·7	6·6	4·9	1·8	5·9	8·8
October ...	75·0	71·7	76·0	77·4	5·7	5·9	1·4	7·2	11·2
November ...	67·7	62·0	69·3	71·8	9·8	6·5	0·8	7·5	13·8
December ...	66·2	61·0	66·7	71·0	10·0	5·9	0·9	6·4	11·2
Year	72·5	68·3	72·1	77·1	8·8	7·1	2·4	9·5	11·5

49. RAIPUR.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	60·6	55·5	62·5	63·8	8·3	6·3	2·7	7·8	11·8
February ...	62·0	56·3	63·6	66·0	9·7	8·0	3·8	10·5	13·8
March	66·4	62·8	67·8	68·6	5·8	13·0	6·2	16·6	21·1
April	70·1	65·9	71·3	73·0	7·1	9·9	4·4	11·1	16·7
May	73·5	70·5	74·3	75·7	5·2	12·1	5·2	15·7	19·8
June	76·0	73·6	76·1	78·4	4·8	10·9	4·6	13·0	17·2
July	76·2	72·8	77·2	78·6	5·8	4·7	1·8	6·4	8·5
August... ...	75·1	71·9	76·1	77·4	5·5	2·7	1·1	3·7	5·1
September ...	76·9	73·4	78·1	79·1	5·7	4·2	1·0	5·9	8·6
October ...	72·6	68·3	74·2	75·3	7·0	4·4	1·2	7·1	9·2
November ...	65·2	59·6	67·3	68·6	9·0	7·4	1·8	11·4	15·2
December ...	61·7	60·0	65·7	68·3	8·3	6·3	1·3	8·4	12·4
Year	69·9	65·9	71·2	72·7	6·8	7·5	2·9	9·8	13·3

50. NAGPUR.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean	Minimum.	10 hours.	16 hours.
January ...	59·7	53·5	61·3	64·3	10·8	7·9	3·1	8·3	14·2
February ...	60·0	54·7	61·0	64·3	9·6	10·5	4·3	12·6	17·7
March ...	65·0	59·7	67·2	68·1	8·4	14·9	6·6	17·2	25·3
April	69·2	64·1	72·1	71·5	7·4	14·1	6·3	16·7	24·7
May	72·1	67·8	74·3	74·2	6·4	16·8	9·6	20·4	26·2
June	74·6	71·3	76·4	76·2	4·9	12·3	6·2	14·7	20·1
July	75·0	72·0	76·3	76·7	4·7	5·5	2·7	8·6	9·5
August ...	74·4	71·2	75·4	76·5	5·3	5·2	2·6	6·4	8·8
September ...	75·1	71·7	76·8	76·8	5·1	5·8	1·8	8·9	11·5
October ...	70·8	66·8	73·2	72·3	5·5	6·2	2·0	9·3	12·9
November ...	63·6	56·8	67·2	66·9	10·1	9·1	3·1	12·9	18·6
December ...	65·0	60·4	66·3	68·2	7·8	6·5	1·9	8·6	12·4
Year ...	68·7	64·2	70·6	71·3	7·2	9·6	4·2	12·1	16·8

51. SEONI.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	56·1	49·9	58·0	60·5	10·6	7·0	2·9	9·4	12·8
February ...	55·9	50·3	57·0	60·5	10·2	9·2	4·0	12·1	15·4
March ...	62·2	56·4	64·2	66·1	9·7	13·4	7·8	17·1	20·8
April	66·4	60·6	68·8	69·9	9·3	10·9	6·0	14·3	18·1
May	70·2	65·2	71·7	73·7	8·5	13·7	8·4	17·8	20·4
June	72·7	69·0	74·1	75·1	6·1	10·8	7·2	14·0	15·7
July	73·0	70·2	73·9	74·8	4·6	5·6	3·2	7·6	8·9
August ...	72·2	69·2	73·1	74·2	5·0	4·6	2·9	6·0	7·2
September ...	72·3	68·9	74·0	74·0	5·1	5·1	2·6	7·9	9·2
October ...	68·2	63·5	70·3	70·7	7·2	5·3	2·0	7·7	9·8
November ...	61·7	53·8	64·3	67·1	13·3	8·4	4·2	11·8	15·1
December ...	62·0	56·1	63·1	66·9	10·8	5·0	2·7	6·4	8·2
Year ...	66·1	61·1	67·7	69·5	8·4	8·2	4·6	11·0	13·5

52. JUBBULPORE.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	56·6	50·3	58·1	61·4	11·1	5·6	1·7	5·6	10·9
February ...	56·3	49·5	57·4	61·9	12·4	6·9	2·3	8·5	12·7
March ...	63·4	57·7	64·1	68·3	10·6	11·4	4·8	14·0	18·8
April	67·7	62·9	70·0	70·2	7·3	11·4	5·7	14·6	19·3
May	70·5	66·3	72·4	72·8	6·5	14·6	9·6	17·3	21·5
June	76·0	72·1	78·1	77·8	5·7	11·3	7·4	12·5	17·3
July	76·2	73·1	76·8	78·6	5·5	5·6	3·2	6·3	8·6
August ...	74·7	72·1	75·3	76·6	4·5	4·2	2·3	5·1	6·7
September ...	75·1	71·3	76·7	77·2	5·9	5·1	1·9	6·9	10·0
October ...	70·5	63·8	73·4	74·4	10·6	5·0	2·1	7·0	10·7
November ...	63·5	52·4	68·9	69·3	16·9	5·3	2·7	8·5	13·1
December ...	60·6	53·3	62·8	65·6	12·3	4·8	2·0	7·2	9·9
Year	67·6	62·1	69·5	71·2	9·1	7·6	3·8	9·5	13·3

53. SAUGOR.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean	Minimum.	10 hours.	16 hours.
January ...	51·0	43·5	54·4	55·0	11·5	9·2	6·0	12·5	15·9
February ...	50·8	45·6	53·2	53·5	7·9	12·3	6·3	15·2	20·7
March ...	58·9	52·8	61·2	62·7	9·9	15·3	9·5	19·4	23·4
April	62·9	57·2	65·7	65·7	8·5	17·5	10·6	22·1	27·2
May	64·2	58·0	67·7	67·0	9·0	22·9	17·3	26·6	31·8
June	69·7	60·8	74·1	74·1	13·3	18·5	16·9	19·3	24·5
July	70·4	61·2	75·1	74·9	13·7	10·6	13·5	7·7	12·4
August ...	...	...	75·1	74·5	...	...	...	7·3	12·7
September ...	...	...	74·6	73·5	...	...	...	11·1	18·7
October ...	66·5	62·7	69·8	67·1	4·4	11·3	5·4	14·0	20·4
November ...	59·4	55·2	62·2	60·8	5·6	14·8	7·9	19·7	24·4
December ...	56·6	51·0	59·7	59·0	8·0	9·5	5·5	11·7	16·7
Year	...	...	66·1	65·7	...	...	...	15·5	20·7

54. PACHMARHI.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January ..	52·4	45·5	54·9	56·8	11·3	4·6	2·8	8·6	8·9
February ...	51·3	45·1	52·8	56·0	10·9	7·4	4·1	10·7	12·1
March	57·4	52·1	59·8	60·4	8·3	11·9	7·2	16·2	18·9
April	60·0	56·0	63·1	63·5	7·5	14·3	9·8	17·0	21·0
May	61·9	61·8	66·7	66·3	4·5	16·0	10·9	17·2	22·8
June	68·7	66·0	70·0	70·1	4·1	11·7	7·7	11·5	17·0
July	68·8	66·2	69·6	70·7	4·5	4·1	2·8	3·4	6·0
August ...	68·0	65·1	68·5	70·5	5·4	3·5	3·0	2·9	4·4
September ...	68·0	64·3	69·4	70·3	6·0	4·9	3·3	6·0	7·9
October ...	62·2	57·4	64·1	65·1	7·7	6·1	3·5	9·9	10·6
November ...	56·1	48·9	59·6	59·9	11·0	7·2	3·2	14·0	14·5
December ...	57·7	52·3	59·8	60·9	8·6	4·0	2·6	6·8	7·6
Year	61·4	56·7	63·2	64·2	7·5	8·0	5·1	10·4	12·6

55. HOSHANGABAD.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January ..	57·2	50·2	58·8	62·7	12·5	8·0	4·0	7·6	13·5
February ...	56·1	48·8	57·3	62·3	13·5	11·0	6·0	12·5	17·1
March	63·2	56·0	65·4	68·1	12·1	15·4	8·7	17·1	24·3
April	66·9	60·1	69·7	70·9	10·8	18·3	11·7	21·1	27·6
May	70·4	66·2	72·6	72·5	6·3	20·1	12·5	22·7	29·8
June	75·7	72·3	77·1	77·7	5·4	13·9	8·2	15·4	21·0
July	75·4	73·1	76·2	76·8	3·7	7·4	3·5	7·7	12·1
August ...	74·9	72·2	75·7	76·7	4·5	5·3	2·7	5·7	8·7
September ...	75·2	71·0	76·2	77·5	5·6	7·7	2·7	8·4	13·6
October ...	70·5	65·3	72·1	74·1	8·8	7·9	3·8	9·9	13·6
November ...	63·4	55·4	65·3	69·5	14·1	10·3	4·4	12·3	18·1
December ...	63·1	56·2	63·6	69·4	13·2	5·3	3·3	6·5	7·9
Year	67·7	62·3	69·2	71·5	9·2	10·9	6·0	12·2	17·3

56. KHANDWA.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January ...	56·8	48·0	58·9	63·5	15·5	9·1	5·2	9·5	15·1
February ...	56·5	48·2	58·1	63·1	14·9	12·0	6·8	13·8	18·9
March	60·1	52·3	63·0	65·0	12·7	19·0	12·5	20·4	28·4
April	64·8	56·0	68·3	70·2	14·2	21·1	16·4	23·6	29·1
May	68·9	63·8	71·7	71·1	7·3	21·9	15·4	21·5	31·2
June	73·8	69·6	76·2	75·6	6·0	14·7	9·4	12·2	22·3
July	73·4	70·2	74·8	75·3	5·1	9·0	5·6	8·5	13·7
August	...	...	74·2	75·7	...	...	...	6·8	11·3
September ...	73·7	70·6	74·8	75·7	5·1	8·6	3·1	10·2	15·2
October ...	67·8	63·1	70·4	70·0	6·9	10·1	3·5	13·6	19·2
November ...	62·4	54·7	65·7	66·7	12·0	11·3	3·7	17·2	22·2
December ...	63·2	58·5	64·2	67·0	8·5	8·4	2·0	10·0	15·7
Year	...	...	68·4	69·9	...	...	...	13·9	20·2

57. CHIKALDA.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January ...	54·1	49·7	55·2	57·5	7·8	7·5	6·0	7·6	9·9
February ...	53·8	49·3	54·8	57·4	8·1	10·1	7·2	10·9	13·9
March	58·3	54·5	59·9	60·6	6·1	14·9	11·1	16·5	20·1
April	64·7	60·2	66·2	67·8	7·6	12·0	8·0	14·5	17·3
May	64·0	61·2	64·3	66·4	5·2	16·4	10·5	19·1	22·6
June	67·5	64·5	68·3	69·6	5·1	10·2	5·6	10·0	15·6
July	67·5	65·1	68·1	69·2	4·1	2·9	1·0	2·6	5·4
August	66·4	63·7	66·9	68·6	4·9	2·3	1·3	1·7	3·8
September ...	67·5	64·2	68·9	69·5	5·3	4·2	2·7	5·5	6·4
October ...	63·0	55·3	66·3	67·4	12·1	6·0	8·0	7·3	7·3
November ...	61·0	50·5	65·6	66·9	16·4	8·4	12·3	8·2	9·0
December ...	59·0	52·3	61·8	63·0	10·7	5·9	7·2	6·0	7·3
Year	62·2	57·5	63·9	65·3	7·8	8·4	6·7	9·2	11·5

58. BULDANA.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January ...	58·1	53·9	59·6	60·8	6·9	9·6	5·5	11·7	15·1
February ...	58·5	54·2	59·6	61·8	7·6	11·4	7·0	13·3	16·7
March	62·3	57·7	63·9	65·4	7·7	16·4	11·9	17·3	22·3
April	65·4	61·1	67·2	68·0	6·9	17·8	12·5	19·5	24·8
May	69·4	65·8	71·4	71·0	5·2	17·3	11·4	17·0	25·2
June	72·1	68·7	73·7	73·9	5·2	11·0	6·0	11·4	17·5
July	71·2	68·8	72·0	72·7	3·9	7·1	3·4	7·5	11·6
August ...	70·3	67·5	71·1	72·2	4·7	6·3	3·1	6·2	10·4
September ...	71·1	68·4	72·4	72·6	4·2	7·0	4·1	7·4	11·1
October ...	67·6	64·1	69·6	69·0	4·9	7·2	4·5	9·7	12·0
November ...	62·4	57·1	64·6	65·4	8·3	11·5	7·4	15·5	17·8
December ...	62·0	59·3	63·9	65·4	6·1	7·7	4·0	9·5	12·5
Year	65·9	62·2	67·4	68·2	6·0	10·9	6·7	12·2	16·4

59. AKOLA.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January ...	58·4	50·8	60·0	64·5	13·7	9·5	4·4	11·3	16·1
February ...	60·0	52·9	61·4	65·7	12·8	11·5	6·2	13·1	18·2
March	63·1	55·7	65·9	67·8	12·1	16·6	9·5	19·4	26·3
April	66·1	59·4	69·1	69·8	10·4	19·0	11·9	22·9	29·0
May	69·6	64·1	72·6	72·0	7·9	21·8	14·9	22·9	31·7
June	74·0	71·0	75·8	75·1	4·1	14·0	6·9	14·3	22·9
July	73·8	71·4	74·8	75·2	3·8	8·7	4·0	9·6	14·4
August ...	72·7	70·3	73·8	74·1	3·8	9·0	4·2	8·8	14·7
September ...	73·8	70·5	75·5	75·4	4·9	8·8	3·4	10·3	15·8
October ...	69·9	65·9	72·3	71·6	5·7	8·6	2·3	11·3	17·1
November ...	62·8	55·1	66·4	66·8	11·7	11·7	4·7	15·6	22·3
December ...	65·0	60·6	66·4	68·0	7·4	7·9	2·8	8·6	14·3
Year	67·4	62·3	69·5	70·5	8·2	12·3	6·3	14·0	20·2

60. AMRAOTI.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January ...	59·1	53·8	60·6	62·9	9·1	9·2	4·2	10·8	15·7
February ...	60·3	55·4	61·2	64·3	8·9	11·0	3·9	13·1	18·9
March ...	63·9	59·7	65·8	66·1	6·4	16·1	6·9	19·4	27·3
April	67·0	64·4	68·2	68·5	4·1	17·4	6·7	21·6	29·1
May	70·6	69·7	71·3	70·9	1·2	19·4	7·9	24·3	31·5
June	75·3	72·7	76·6	76·5	3·8	11·3	3·7	13·2	20·3
July	73·6	71·3	74·5	75·1	3·8	7·9	3·2	9·0	13·4
August ...	73·0	70·6	74·0	74·3	3·7	6·8	2·6	8·3	12·1
September ...	73·3	70·4	75·2	74·4	4·0	8·3	2·2	11·2	16·1
October ...	69·4	65·2	71·8	71·3	6·1	8·4	4·3	12·1	14·8
November ...	63·8	56·3	67·5	67·6	11·3	11·3	6·4	15·8	19·9
December ...	65·1	60·1	67·3	67·9	7·8	7·1	3·6	8·6	12·7
Year	67·9	64·1	69·5	70·0	5·9	11·2	4·6	14·0	19·3

61. CHANDA.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January ...	61·9	55·2	64·0	66·4	11·2	8·3	3·1	9·8	15·6
February ...	64·3	58·1	66·1	68·6	10·5	9·6	4·5	11·7	16·5
March ...	69·4	64·2	71·3	72·7	8·5	12·7	6·1	15·1	21·2
April	72·0	68·1	74·3	73·6	5·5	10·5	6·4	13·7	16·8
May	73·7	69·4	75·6	76·0	6·6	16·7	11·2	18·7	24·2
June	76·4	73·2	77·7	78·4	5·2	13·2	8·2	12·8	19·3
July	75·9	73·3	76·7	77·8	4·5	5·6	4·3	8·2	7·5
August ...	75·7	73·0	76·3	77·9	4·9	5·5	3·3	6·3	8·1
September ...	77·4	73·6	78·9	79·6	6·0	4·5	1·8	6·2	8·8
October ...	74·2	70·8	76·0	75·8	5·0	4·6	1·2	8·9	9·7
November ...	65·6	58·4	69·5	69·0	10·6	7·8	1·7	10·0	17·7
December ...	68·1	63·0	69·7	71·5	8·5	6·0	2·2	6·4	11·5
Year	71·2	66·7	73·0	73·9	7·2	8·8	4·5	10·7	14·7

62. SIRONCHA.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum	10 hours.	16 hours.
January ...	64·9	58·2	67·0	69·5	11·3	7·3	2·1	7·0	14·6
February ...	69·1	65·2	70·9	71·3	6·1	9·1	3·1	8·7	16·7
March	70·1	66·8	71·8	71·8	5·0	12·7	4·3	12·0	22·7
April	73·7	70·2	75·1	75·7	5·5	13·0	6·1	13·6	21·3
May	75·8	72·8	77·0	77·6	4·8	14·4	7·2	15·9	22·7
June	78·1	76·2	78·1	80·0	3·8	11·7	4·8	10·4	18·6
July	76·9	74·7	77·3	78·8	4·1	7·9	4·2	9·3	11·9
August ...	76·7	74·8	77·1	78·1	3·3	5·8	2·2	7·9	9·8
September ...	77·0	74·7	78·4	77·8	3·1	5·3	1·2	6·9	10·9
October ...	75·7	72·8	76·9	77·3	4·5	4·1	1·2	6·3	8·3
November ...	70·0	61·9	71·3	76·9	15·0	4·9	2·1	8·4	8·8
December ...	70·9	65·6	72·4	74·7	9·1	5·6	1·5	5·6	11·2
Year	73·2	69·5	74·4	75·8	6·3	8·5	3·3	9·3	14·8

63. JACOBABAD.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	65·6	56·1	68·7	72·0	15·9	7·9	3·8	12·4	15·1
April	71·3	64·1	73·5	76·4	12·3	7·3	3·4	9·9	13·2
May	78·4	69·3	81·6	84·2	14·9	10·1	5·5	12·8	18·9
June	84·5	76·4	86·8	90·2	13·8	10·6	5·9	11·6	17·7
July	79·6	75·2	81·4	82·2	7·0	14·2	6·8	13·9	23·4
August ...	77·8	73·1	80·1	80·3	7·2	14·6	6 5	14·4	24·8
September ...	76·0	69·3	78·8	79·8	10·5	10·2	5·5	14·0	17·7
October ...	68·9	58·5	73·1	75·3	16·8	7·9	6·4	13·5	13·4
November ...	63·5	54·9	66·9	68·7	13·8	5·4	4·1	9·9	10·0
December ...	51·7	42·6	54·8	57·5	14·9	5·2	3·6	8·6	10·1
Year	...	...	...	...	...	...	...	...	...

64. BIKANIR.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours
January ...	...	...	...	...	...	...	...	...	. .
February ...	...	...	...	...	...	...	...	...	..
March	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...
August ...	...	...	...	...	...	...	...	...	...
September ...	81·7	76·2	82·9	86·0	9·8	8·5	4·8	7·9	13·4
October ...	72·2	65·0	73·7	77·8	12·8	10·6	8·6	10·9	14·1
November ..	65·1	60·0	66·7	68·7	8·7	10·0	5·1	9·5	16·4
December ...	52·1	46·4	53·1	56·8	10·4	8·4	4·3	7·8	13·4
Year	...	...	...	...	...	...	...	...	...

65. HYDERABAD.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	..	...	...
April	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...
June	84·1	78·2	85 3	88·8	10·6	7·6	3·4	11·1	13·4
July	78·5	76·5	79·0	80·0	3·5	10·3	4·5	13·0	16·5
August ...	77·8	75·4	78·4	79·6	4·2	9·6	3·2	12·8	16·5
September ...	79·4	74·8	80·1	83·2	8·4	6·8	2·2	9·0	12·2
October ...	...	67·0	76·3	...	...	...	4·2	11·9	...
November ..	70·4	63·3	71·9	75·9	12·6	6·6	3·2	8·6	11·6
December ...	55·7	48·6	56·2	62·3	13·7	7·1	3·5	8·6	11·2
Year	...	...	...	...	...	...	...	...	...

66. KURRACHEE.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	55·8	48·3	56·9	60·2	11·9	9·1	6·6	11·4	14·0
February ...	59·1	51·7	59·4	61·9	10·2	9·5	6·3	12·5	14·2
March	69·9	64·1	70·1	70.5	6·4	7·4	5·0	10·3	10·7
April	74·0	70·0	74·8	74·6	4·6	6·1	3·8	9·2	9·1
May	77·9	74·7	78·1	78·4	3·7	8·3	5·2	12·5	10·5
June	80·5	78·4	81·1	80·8	2·4	6·8	4·7	9·4	9·0
July	78·1	76·5	78·8	78·7	2·2	7·6	5·6	9·8	8·6
August... ...	76·4	75·2	77·0	77·1	1·9	7·1	4·5	9·3	8·5
September ...	76·8	75·3	77·1	77·8	2·5	6·2	2·7	9·2	7·7
October ...	69·7	66·3	71·5	72·8	6·5	11·2	5·4	15·8	15·0
November ...	67·4	62·3	69·8	66·7	4·4	8·5	5·3	12·8	16·7
December ...	59·7	49·7	61·9	64·7	15·0	6·7	6·5	9·2	9·1
Year	70·4	66·0	71·4	72·0	6·0	7·9	5·1	11·0	11·1

67. BHUJ.

Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
60·6	50·7	63·2	68·0	17·3	5·7	4·8	7·4	9·0
64·3	54·2	67·7	70·3	16·7	4·9	4·1	8·4	9·1
72·8	63·8	75·3	79·3	15·5	5·9	2·8	9·8	11·4
78·1	69·6	79·9	84·9	15·3	5·5	2·6	8·8	10·0
77·1	70·6	80·0	80·8	10·2	9·8	6·5	13·4	15·8
79·3	75·0	81·2	81·7	6·7	9·0	5·3	11·6	14·6
76·2	74·2	77·3	77·0	2·8	8·5	5·5	11·8	12·6
74·9	73·5	75·8	75·5	2·0	9·1	4·8	12·6	14·2
74·8	72·6	75·6	76·1	3·5	8·2	3·5	10·4	13·8
68·8	66·3	70·6	69·6	3·3	11·9	5·1	14·6	20·4
64·8	61·6	67·1	65·8	4·2	13·0	6·1	16·6	22·0
55·0	50·4	56·6	58·0	7·6	12·6	7·1	15·6	19·7
70·6	65·2	72·5	74·0	8·8	8·7	4·9	11·8	14·4

68. RAJKOT.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...
July	75·4	73·0	76·1	77·0	4·0	10·4	4·8	13·6	16·7
August ...	70·3	70·6	64·6	75·6	5·0	14·4	5·0	23·6	18·1
September ...	73·7	70·9	74·6	75·7	4·8	9·8	3·4	12·4	16·9
October ...	66·9	62·2	69·1	69·5	7·3	...	...	17·5	21·5
November ...	59·7	56·7	55·7	66·8	10·1	18·8	8·7	31·1	24·7
December ...	56·4	48·0	59·2	62·0	14·0	13·8	8·6	17·2	21·8
Year	...	...	...	...	...	...	...	...	...

69. DEESSA.

Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
55·6	46·3	56·8	59·7	13·4	9·8	4·7	13·2	17·9
56·6	49·5	57·8	61·0	11·5	11·9	4·9	14·3	19·0
63·8	55·6	65·4	66·6	11·0	14·9	8·2	15·5	24·2
69·7	61·6	71·0	71·9	10·3	17·3	11·5	17·8	25·0
75·3	69·1	76·5	75·6	6·5	16·2	9·8	15·8	25·4
79·3	75·6	79·8	80·5	4·9	11·9	6·5	11·5	20·3
77·6	74·5	77·8	79·0	4·5	8·9	4·9	9·1	15·7
76·1	72·4	76·6	78·4	6·0	11·1	6·8	10·6	17·4
74·6	70·9	75·5	76·6	5·7	9·9	5·6	11·0	15·5
66·3	61·5	69·5	70·0	8·5	13·3	6·9	16·3	19·6
61·8	55·1	65·3	66·6	11·5	15·3	9·2	18·7	22·2
58·1	49·0	60·6	63·2	14·2	11·1	7·7	14·1	16·5
67·9	61·8	69·4	70·8	9·0	12·6	7·2	14·0	19·9

70. MOUNT ABU.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	47·0	41·5	49·4	50·0	8·5	9·0	8·5	11·9	11·9
February ...	45·4	40·4	47·1	48·7	8·3	11·4	9·4	13·4	15·0
March	50·9	46·2	52·7	53·7	7·5	17·1	15·3	18·6	20·7
April	55·8	51·3	57·9	58·3	7·0	17·3	14·9	18·5	21·7
May	60·1	54·9	62·0	63·4	8·5	15·0	12·9	17·2	18·9
June	65·1	59·2	67·5	68·7	9·5	12·1	10·8	11·9	15·7
July	65·4	60·9	66·7	68·7	7·8	5·9	4·6	3·4	8·4
August	64·2	59·3	65·8	67·5	8·2	7·5	5·6	6·1	11·0
September ...	63·3	58·6	65·2	66·1	7·5	8·2	8·0	8·2	10·4
October ...	56·5	51·2	58·8	59·6	8·4	12·9	12·5	14·5	15·5
November ...	53·8	48·6	55·7	57·0	8·4	14·1	13·0	16·1	17·1
December ...	48·9	43·1	51·4	52·3	9·2	10·8	11·0	12·6	13·0
Year	56·4	51·3	58·4	59·5	8·2	11·8	10·5	12·7	14·9

71. NEEMUCH.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	59·5	54·1	60·5	63·9	9·8	16·9	10·5	18·4	24·2
April	...	60·4	72·3	...	...	...	10·6	13·1	...
May	69·1	63·4	70·5	73·3	9·9	17·5	12·5	18·2	23·9
June	71·5	69·2	71·7	73·6	4·4	17·5	10·3	16·7	24·9
July	67·5	66·7	66·6	69·2	2·5	14·1	7·7	15·2	19·5
August	66·1	65·3	64·9	68·2	2·9	16·0	8·4	18·6	22·2
September ...	67·2	63·4	66·6	71·7	8·3	14·5	9·7	18·3	18·5
October ...	60·7	56·9	61·2	64·0	7·1	15·0	8·3	20·1	22·2
November ...	57·2	51·8	57·9	61·8	10·0	15·2	8·1	21·0	23·0
December ...	51·7	47·6	50·5	57·1	9·5	13·4	6·3	17·0	19·1
Year	...	...	...	...	...	...	...	...	...

72. SURAT.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...
April	71·5	67·2	73·7	73·5	6·3	13·4	7·2	16·4	21·8
May	75·9	73·2	76·7	77·7	4·5	9·8	5·4	14·4	15·1
June	78·4	75·5	79·7	80·1	4·6	7·1	4·5	9·6	10·9
July	78·2	76·2	79·3	79·1	2·9	6·0	3·7	8·2	9·4
August	76·6	75·0	77·3	77·4	2·4	7·2	4·3	9·8	10·8
September ..	77·1	74·6	78·5	78·2	3·6	7·1	3·3	8·9	12·3
October ...	73·1	67·8	74·4	77·1	9·3	6·9	2·9	11·2	12·2
November ...	66·5	59·9	68·8	70·8	10·9	11·7	5·5	16·3	20·1
December ...	64·2	58·3	65·9	68·5	10·2	9·9	4·8	13·2	16·6
Year	...	...	...	...	...	...	...	...	...

73. MALEGAON.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...
June	76·5	70·8	78·7	79·9	9·1	5·9	3·5	9·4	10·6
July	74·9	71·0	76·2	77·4	6·4	6·1	3·8	8·7	9·8
August	72·5	69·1	73·6	74·8	5·7	7·0	3·4	9·5	11·7
September ..	74·7	68·5	75·5	80·1	11·6	6·1	3·4	10·1	9·5
October ...	68·1	62·4	70·7	71·2	8·8	8·9	4·2	12·1	16·2
November ...	61·9	52·1	65·8	67·8	15·7	12·7	7·9	17·2	21·3
December ...	62·7	54·8	64·7	68·5	13·7	9·5	5·5	11·6	15·6
Year	...	...	...	...	...	...	...	...	...

74. BOMBAY.

MONTH.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minimum.	DIFFERENCE, DRY AND WET BULB. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minimum.
January ...	68·5	65·5	67·3	71·2	68·1	64·5	7·1	4·4	7·1	8·9	4·9	4·5
February ...	68·3	65·3	67·2	70·7	67·7	63·4	7·6	4·9	8·6	9·2	5·7	5·5
March ...	72·9	70·1	72·2	75·0	72·2	68·7	6·8	3·7	7·9	8·4	4·7	4·7
April ...	76·5	74·1	76·0	77·6	76·3	73·3	6·1	2·9	7·4	8·5	3·6	3·4
May ...	78·3	76·6	78·2	79·7	77·6	75·9	7·2	4·3	8·2	8·8	4·9	4·6
June ...	79·6	75·0	79·7	80·4	78·8	76·6	5·0	6·4	2·1	6·3	3·7	3·8
July ...	79·5	78·0	79·8	80·1	78·5	76·3	4·1	2·9	4·2	5·2	3·3	3·4
August ...	78·3	77·1	78·7	79·0	77·4	75·3	4·1	2·7	4·0	5·2	3·2	3·5
September ...	78·5	77·0	78·7	79·6	77·2	75·3	4·1	1·9	3·8	5·6	3·1	3·0
October ...	77·2	75·8	77·2	78·0	76·7	74·2	4·9	2·4	4·6	6·8	3·6	3·3
November ...	74·2	71·9	73·1	76·0	74·2	70·7	7·8	4·2	8·3	10·2	5·0	4·8
December ...	71·9	69·6	71·1	74·1	71·1	68·3	6·9	4·2	7·1	8·1	5·2	4·9
Year ...	75·3	73·0	74·9	76·8	74·7	71·9	6·0	3·7	6·1	7·6	4·2	4·1

75. POONA.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	61·5	54·5	61·2	64·6	10·1	10·5	8·2	9·2	14·7
February ...	62·4	55·2	61·6	65·2	10·0	12·3	9·5	11·4	16·7
March ...	65·1	57·7	64·0	67·1	9·4	15·9	13·3	16·3	21·3
April ...	67·6	60·2	67·4	69·5	9·3	16·5	14·3	17·4	23·0
May ...	70·8	65·7	70·4	72·2	6·5	13·2	10·2	14·8	20·1
June ...	72·8	69·9	73·8	74·0	4·1	6·1	4·7	6·4	9·1
July ...	71·7	69·6	72·3	72·8	3·2	6·1	4·3	6·5	8·0
August ...	70·9	68·6	71·4	72·0	3·4	5·7	3·6	6·2	7·4
September ...	71·7	69·1	72·4	72·7	3·6	5·7	3·8	5·9	8·2
October ...	70·8	67·7	71·8	71·7	4·0	5·6	3·7	4·9	8·4
November ...	65·9	59·9	66·5	67·8	7·9	10·8	7·3	10·3	15·1
December ...	66·3	61·6	65·8	67·9	6·3	8·7	5·9	8·1	13·0
Year ...	68·1	63·3	68·2	69·8	6·5	9·8	7·4	9·8	13·8

76. SHOLAPUR.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January...	60·8	49·8	64·9	67·6	17·8	12·4	10·3	12·7	18·6
February	63·8	57·8	66·1	67·6	9·8	14·0	6·8	15·1	23·4
March ...	65·2	59·1	67·4	69·0	9·9	17·9	10·5	21·7	27·5
April ...	66·5	60·5	68·8	70·3	9·8	18·7	11·6	23·5	28·0
May ...	68·0	62·3	70·5	71·1	8·8	20·5	13·6	23·8	30·0
June ...	67·0	59·0	70·5	71·5	12·5	15·9	14·5	14·8	20·7
July ...	68·4	63·3	70·4	71·4	8·1	12·5	8·4	14·9	18·7
August ...	67·6	62·0	69·9	70·9	8·9	12·8	9·0	15·2	18·8
September	68·3	63·0	70·5	71·4	8·4	9·8	8·4	11·7	13·4
October...	68·9	65·2	70·3	71·3	6·1	9·3	5·8	12·6	14·1
November	64·9	60·1	67·0	67·7	7·6	11·5	5·4	16·4	19·5
December	65·7	60·4	68·0	68·6	8·2	8·9	4·4	11·9	15·8
Year ...	66·3	60·2	68·7	69·9	9·7	13·7	9·1	16·2	20·7

77. RATNAGIRI.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January...	67·6	62·2	68·8	71·8	9·6	7·2	5·2	12·7	10·4
February	69·1	65·0	70·4	71·9	6·9	6·8	4·2	11·5	10·7
March ...	73·7	68·9	75·3	76·9	8·0	4·6	3·7	8·1	7·1
April ...	76·5	72·5	78·0	78·9	6·4	4·8	3·6	8·0	7·5
May ...	78·6	75·4	79·9	80·4	5·0	4·8	3·7	8·1	7·2
June ...	78·5	75·4	79·9	80·2	4·8	3·6	3·0	5·3	5·5
July ...	78·5	75·9	79·6	79·9	4·0	3·4	2·9	4·7	5·0
August ...	77·4	74·2	79·2	78·7	4·5	2·4	2·7	4·2	4·0
September	76·9	73·1	78·7	79·0	5·9	2·3	2·6	3·9	3·6
October...	76·9	72·8	78·7	79·1	6·3	3·1	2·7	5·9	5·4
November	73·8	68·8	75·4	77·3	8·5	6·3	4·4	13·2	9·7
December	72·6	68·4	74·0	75·5	7·1	6·3	4·5	12·6	9·4
Year ...	75·0	71·1	76·5	77·5	6·4	4·6	3·6	8·2	7·1

78. BELGAUM.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January...	61·3	53·7	62·2	64·6	10·9	9·3	4·7	10·0	15·3
February	63·9	57·1	63·7	67·1	10·0	10·6	4·2	12·5	16·7
March ...	64·3	55·4	63·0	69·0	13·6	14·7	9·3	19·7	19·8
April ...	67·2	59·5	66·3	72·0	12·5	13·4	7·7	19·4	17·7
May ...	69·8	63·3	69·2	73·7	10·4	11·3	4·4	16·1	16·2
June ...	70·6	66·1	72·3	72·7	6·6	4·8	2·6	5·5	6·2
July ...	70·0	65·7	71·6	71·7	6·0	3·6	2·0	4·4	4·7
August ...	69·2	65·1	71·3	71·4	6·3	3·1	1·9	3·5	4·0
September	69·8	65·1	71·8	72·3	7·2	2·9	1·9	4·0	3·9
October...	69·4	64·7	70·7	71·4	6·7	3·0	2·1	3·7	4·1
November	65·1	59·3	67·1	67·1	7·8	8·9	4·5	9·1	13·3
December	64·6	59·5	65·9	67·0	7·5	8·2	3·5	8·3	12·9
Year ...	67·1	61·2	67·9	70·0	8·8	7·8	4·1	9·7	11·2

79. VIZAGAPATAM.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	DIFFERENCE, DRY AND WET BULB. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.
January...	68·6	67·5	68·5	69·4	68·9	61·3	6·8	5·4	7·7	8·1	6·1	10·4
February	72·1	71·4	72·1	72·5	72·3	65·5	6·3	5·3	7·0	7·5	5·6	10·3
March ...	74·8	74·2	74·6	75·3	75·3	68·1	7·7	6·0	9·5	8·7	6·5	11·1
April ...	77·6	77·1	77·5	77·8	77·8	71·7	7·9	6·3	9·2	9·1	7·0	10·9
May ...	80·0	79·4	79·8	80·5	80·0	73·9	7·5	6·1	9·0	8·4	6·7	10·5
June ...	79·9	79·2	79·9	80·5	80·0	75·0	8·8	7·3	9·7	10·2	7·7	10·9
July ...	79·4	79·0	79·3	79·7	79·4	74·0	8·8	7·5	9·5	10·1	8·1	11·7
August ...	78·5	78·2	78·3	78·8	78·8	71·6	8·4	6·8	9·2	9·0	7·5	12·5
September	78·7	78·3	78·6	78·9	78·9	71·9	6·4	5·4	6·8	7·5	5·8	11·0
October...	77·5	77·4	77·7	77·3	77·6	71·3	7·4	5·9	7·9	9·0	6·7	11·3
November	72·2	71·7	71·3	73·1	72·8	65·6	8·4	6·5	10·0	9·8	7·1	10·9
December	71·1	69·9	70·8	72·4	71·3	63·5	8·0	6·9	9·0	9·0	7·2	11·5
Year ...	75·9	75·3	75·7	76·4	76·1	69·5	7·7	6·3	8·7	8·9	6·8	11·1

80. SECUNDERABAD.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January...	60·4	...	62·6	63·3	58·9	...	10·2	...	10·3	17·4	11·1
February	63·3	...	64·8	66·3	61·9	...	12·0	...	11·1	19·4	14·0
March ...	64·5	...	65·7	67·4	63·4	...	15·8	...	17·5	23·4	15·9
April ...	66·5	...	68·4	68·7	64·3	...	16·2	...	18·5	24·8	15·3
May ...	67·6	...	69·4	69·8	65·8	...	18·4	...	20·4	26·2	17·7
June ...	71·0	69·4	72·4	73·0	70·0	3·6	13·0	5·9	14·5	19·3	12·2
July ...	70·6	68·0	71·5	71·8	70·5	3·8	10·9	5·1	13·2	18·9	7·9
August ...	70·4	67·9	71·3	71·8	70·2	3·9	10·0	4·2	11·4	16·9	8·3
September	71·7	69·3	73·0	72·9	71·1	3·6	6·3	1·5	8·6	11·1	4·4
October...	71·0	68·8	72·4	72·2	70·4	3·4	5·7	0·6	7·8	10·1	5·0
November	64·1	60·1	66·4	67·0	62·7	5·9	9·5	1·9	12·2	15·0	10·0
December	65·4	61·9	67·5	67·3	64·2	5·4	7·5	1·7	8·5	13·4	8·6
Year ...	67·2	...	68·8	69·3	66·1	...	11·3	...	12·8	18·0	10·9

81. MASULIPATAM.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	68·8	64·9	70·8	70·6	69·1	5·7	5·9	2·3	9·1	8·2	4·6
February ...	72·2	69·5	73·9	73·1	72·1	3·6	6·2	3·7	9·2	8·3	4·5
March ...	73·3	69·7	75·1	74·4	73·9	4·7	7·1	2·8	11·2	10·5	4·7
April ...	76·3	73·8	77·4	77·0	76·6	3·2	7·6	3·5	12·3	10·5	5·0
May ...	77·4	75·0	75·3	77·7	78·4	2·7	10·0	4·9	18·2	14·8	6·0
June ...	78·0	75·4	78·3	78·9	78·8	3·5	10·8	7·1	14·4	15·8	7·3
July ...	76·5	74·4	76·9	76·9	77·6	2·5	12·5	7·7	17·0	18·4	7·8
August ...	76·6	74·5	77·1	77·0	77·4	2·5	10·3	5·6	13·4	16·4	6·3
September ...	78·0	75·4	79·3	78·8	78·1	3·4	5·2	2·9	7·5	7·3	3·4
October ...	77·4	75·0	78·8	78·4	77·1	3·4	3·9	2·2	5·3	6·1	2·9
November ...	73·8	70·6	75·0	75·3	74·1	4·7	5·2	2·3	7·6	7·8	3·8
December ...	72·6	69·0	74·8	73·9	72·5	4·9	5·3	2·2	7·8	8·0	4·4
Year ...	75·1	72·3	76·1	76·0	75·5	3·7	7·5	3·9	11·1	11·0	5·1

82. BELLARY.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	60·4	55·3	63·5	63·7	59·0	8·4	13·9	7·1	14·4	22·0	13·5
February ...	63·6	58·7	65·4	67·1	63·1	8·4	16·7	9·0	17·0	24·4	17·7
March ...	63·7	58·4	65·9	67·4	62·6	9·0	21·7	14·7	22·9	30·1	20·4
April ...	68·0	64·2	70·3	69·8	66·9	5·6	20·7	13·0	21·9	29·6	20·2
May ...	69·6	65·7	71·2	71·7	69·0	6·0	19·6	12·6	20·3	27·9	19·2
June ...	72·1	69·9	73·2	73·3	71·7	3·4	11·6	6·8	13·2	17·6	9·9
July ...	70·7	68·6	71·9	71·9	70·1	3·3	12·4	6·8	13·7	20·2	10·3
August ...	71·1	68·8	71·9	72·5	70·8	3·7	11·4	6·3	13·1	17·9	9·1
September ...	72·7	69·9	73·7	74·1	72·4	4·2	7·8	3·8	9·2	12·8	6·3
October ...	72·9	70·2	74·5	73·7	73·0	3·5	4·7	1·4	6·9	7·6	3·6
November ...	69·7	65·6	72·1	71·6	69·2	6·0	6·5	1·2	8·8	12·4	4·7
December ...	68·0	63·9	70·4	70·7	67·0	6·8	7·4	1·7	9·0	14·1	6·6
Year ...	68·5	64·9	70·3	70·6	67·9	5·7	12·9	7·0	14·2	19·7	11·8

83. BANGALORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	60·7	56·2	62·0	64·3	60·4	8·1	7·9	2·3	8·8	15·0	6·8
February ...	63·7	59·8	64·6	66·9	63·2	7·1	10·5	3·2	11·7	18·5	9·9
March ...	66·4	61·8	67·4	69·4	66·2	7·6	10·4	3·2	12·6	18·2	9·5
April ...	68·4	65·0	70·7	69·9	67·3	4·9	12·7	5·8	12·5	20·7	13·2
May ...	69·5	66·9	70·6	71·3	68·6	4·4	10·5	4·6	11·8	18·2	8·9
June ...	69·1	66·6	70·0	71·0	68·3	4·4	6·2	2·3	8·0	11·7	4·1
July ...	68·3	65·9	68·8	70·1	67·7	4·2	7·4	2·5	8·9	13·9	5·6
August ...	68·5	66·0	69·1	70·3	67·9	4·3	6·0	2·1	7·6	11·4	4·1
September ...	68·7	65·8	69·7	70·3	68·4	4·5	4·1	1·4	5·6	7·7	2·3
October ...	68·7	65·8	69·7	70·3	68·5	4·5	4·0	1·3	5·5	7·8	2·4
November ...	66·0	62·2	67·1	67·9	66·0	5·7	4·7	2·0	7·1	9·0	2·3
December ...	63·6	59·7	64·6	65·8	64·2	6·1	5·7	2·8	7·4	11·0	3·2
Year ...	66·8	63·5	67·9	69·0	66·4	5·5	7·5	2·8	9·0	13·6	6·0

84. MADRAS.

Month.	Mean.	Minimum.	19 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	68·9	64·9	71·0	70·8	68·7	5·9	7·0	2·9	10·5	10·0	5·8
February ...	70·8	67·4	72·0	72·6	71·0	5·2	7·9	3·5	11·9	10·7	6·6
March ...	72·3	68·6	73·5	74·0	72·9	5·4	7·5	3·1	12·0	10·3	5·7
April ...	75·6	72·8	76·6	76·7	75·7	3·9	7·7	3·7	12·3	10·1	6·1
May ...	76·9	74·1	77·1	78·2	77·6	4·1	7·5	4·3	12·4	9·7	4·9
June ...	76·3	73·7	76·4	77·5	77·2	3·8	10·1	7·0	14·7	13·6	6·6
July ...	75·5	72·9	75·1	76·9	76·4	4·0	10·9	7·9	17·1	13·2	6·6
August ...	74·8	72·5	75·2	75·8	75·2	3·3	9·9	5·9	15·1	12·9	6·4
September ...	76·1	73·7	77·0	77·2	76·1	3·5	6·8	3·7	10·3	8·7	4·7
October ...	76·2	73·9	77·3	77·0	76·4	3·1	5·5	2·3	8·6	7·7	4·0
November ...	74·1	71·9	75·4	75·1	74·2	3·2	4·4	1·9	6·4	6·1	3·0
December ...	73·3	70·9	75·0	74·3	72·9	3·4	5·3	2·7	7·7	7·4	4·5
Year ...	74·2	71·4	75·1	75·5	74·5	4·1	7·5	4·1	11·6	10·0	5·4

85. SALEM.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	67·7	62·8	69·9	69·9	68·0	7·1	10·0	3·9	11·9	18·0	8·0
February ...	69·0	65·7	70·4	70·9	69·0	5·2	13·1	5·0	14·0	22·5	11·8
March ...	69·3	66·0	70·8	71·2	68·9	5·2	14·5	5·8	15·9	24·1	13·5
April ...	74·3	71·2	76·0	75·1	74·4	3·9	13·5	6·5	14·2	23·5	11·1
May ...	74·5	71·6	76·6	75·6	73·6	4·0	11·8	5·4	12·5	20·9	9·7
June ...	75·1	72·1	76·9	76·8	74·2	4·7	8·4	3·4	10·4	14·6	6·4
July ...	75·1	72·0	76·6	76·3	74·8	4·3	10·2	3·9	12·4	18·3	7·9
August ...	75·3	71·8	77·0	77·5	74·7	5·7	8·3	3·2	10·3	14·1	5·9
September ...	75·7	72·5	77·0	77·6	74·8	5·1	6·0	1·7	7·4	11·6	4·2
October ...	75·7	72·6	77·2	77·4	75·3	4·8	3·8	0·8	5·9	7·4	1·9
November ...	73·4	69·9	75·2	75·4	72·7	5·5	5·0	1·3	7·4	8·5	4·1
December ...	72·2	67·6	74·2	75·0	71·9	7·4	4·3	1·8	6·5	7·2	3·1
Year ...	73·1	69·7	74·8	74·9	72·7	5·2	9·1	3·6	10·7	15·9	7·3

86. COIMBATORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	64·2	59·8	66·9	66·9	63·3	7·1	9·9	3·9	8·9	18·3	10·1
February ...	68·2	63·0	70·8	70·3	68·4	7·3	10·0	4·0	9·3	19·8	8·4
March ...	68·8	63·3	70·7	71·0	69·7	7·7	11·5	5·8	11·8	21·2	8·6
April ...	72·6	69·0	74·3	73·7	72·8	4·7	11·2	5·2	11·9	21·0	8·1
May ...	72·6	69·7	73·9	73·4	72·9	3·7	10·0	4·5	12·6	17·6	6·6
June ...	71·6	68·8	73·3	73·3	70·7	4·5	6·4	3·3	8·6	9·5	5·2
July ...	70·8	67·3	72·2	72·5	70·3	5·2	7·8	4·2	9·5	13·5	5·5
August ...	70·5	67·6	72·0	72·1	69·8	4·5	7·6	3·4	9·4	12·3	5·9
September ...	70·7	67·7	71·9	71·9	70·6	4·2	7·7	3·7	9·5	13·0	5·4
October ...	71·0	68·0	72·4	72·7	70·5	4·7	5·8	2·8	7·8	9·8	4·1
November ...	69·8	67·4	70·8	70·9	69·8	3·5	6·0	2·1	7·5	11·1	4·5
December ...	68·7	66·6	69·1	69·5	69·2	2·9	5·9	1·5	7·6	11·6	4·8
Year ...	70·0	66·5	71·5	71·5	69·8	5·0	8·3	3·7	9·5	14·9	6·4

87. TRICHINOPOLY.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	67·6	64·5	68·8	69·5	67·5	5·0	8·7	3·1	11·1	16·4	5·5
February ...	70·1	67·1	71·1	71·7	70·4	4·6	10·4	3·3	12·1	20·1	7·0
March ...	71·1	67·5	72·4	72·7	71·3	5·2	12·1	4·6	13·2	21·8	9·8
April ...	74·6	73·3	75·0	75·2	74·5	1·9	13·0	5·4	15·1	23·0	9·8
May ...	74·4	72·3	75·1	75·4	74·5	3·1	13·0	6·3	14·6	22·6	9·7
June ...	74·1	72·0	74·6	75·3	73·9	3·3	12·8	6·8	15·7	20·1	10·0
July ...	73·4	71·0	74·0	74·8	73·3	3·8	14·2	8·1	16·1	22·4	11·4
August ...	73·5	70·9	74·4	74·7	73·6	3·8	13·4	7·5	15·4	20·9	10·7
September ...	73·9	71·4	74·5	75·3	73·8	3·9	9·6	5·2	12·1	16·2	6·2
October ...	74·5	72·6	75·4	75·6	74·2	3·0	5·6	1·7	8·1	10·2	3·7
November ...	73·3	70·9	74·1	74·7	73·6	3·8	5·0	2·2	6·7	8·4	3·1
December ...	72·1	68·8	73·3	73·6	72·6	4·8	4·9	2·9	6·5	8·4	2·9
Year ...	72·7	70·2	73·6	74·0	72·8	3·9	10·2	4·8	12·2	17·5	7·5

88. NEGAPATAM.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	70·1	67·4	71·7	71·2	70·0	3·8	6·5	4·0	8·0	8·6	6·3
February ...	71·4	68·9	72·6	72·6	71·3	3·7	7·9	4·7	10·6	10·2	6·9
March ...	73·1	70·4	74·8	74·1	73·0	3·7	8·3	5·1	11·1	10·7	7·0
April ...	77·9	75·2	79·5	78·9	77·6	3·7	6·7	4·3	9·0	9·0	5·1
May ...	77·9	74·7	78·9	79·0	78·5	4·3	7·0	4·3	9·8	10·5	4·5
June ...	77·0	73·6	77·3	82·0	74·2	8·4	9·2	6·0	13·1	10·1	9·4
July ...	76·4	73·0	76·0	79·0	76·8	6·0	9·0	6·1	13·7	11·6	6·1
August ...	76·0	72·7	76·2	77·9	76·5	5·2	9·3	6·2	12·9	12·7	6·8
September ...	77·1	73·7	77·9	78·2	77·1	4·5	5·7	3·0	8·1	9·4	3·9
October ...	77·2	73·5	79·0	79·0	77·0	5·5	4·4	2·6	5·8	6·6	3·4
November ...	75·0	72·2	76·4	76·0	75·4	3·8	4·0	2·4	4·5	5·1	4·4
December ...	74·4	72·1	75·9	75·2	74·4	3·1	4·0	2·9	5·0	5·0	4·0
Year ...	75·3	72·3	76·4	76·9	75·2	4·6	6·8	4·3	9·3	9·1	5·6

89. MADURA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	68·7	65·7	70·9	70·0	68·1	4·3	9·6	3·0	11·2	15·7	9·9
February ...	70·1	67·3	71·7	71·2	70·3	3·9	11·6	3·3	13·5	20·5	9·9
March ...	71·3	68·0	73·3	72·0	71·9	4·0	11·6	4·3	13·0	21·3	8·7
April ...	75·4	73·3	76·8	76·0	75·3	2·7	11·6	4·6	14·8	21·0	7·0
May ...	75·4	73·2	76·9	76·0	75·1	2·8	10·4	3·5	13·4	18·3	7·6
June ...	74·5	72·0	75·8	75·8	73·9	3·8	10·6	5·6	14·9	14·8	8·5
July ...	74·3	71·6	75·3	75·4	74·4	3·8	12·7	6·2	17·2	20·0	8·6
August ...	74·2	71·0	75·3	75·4	74·4	4·4	12·6	6·8	17·0	18·9	8·8
September ...	74·7	72·2	75·9	75·9	74·3	3·7	9·0	3·9	11·5	15·1	5·7
October ...	75·3	72·7	76·8	76·5	74·7	3·8	4·7	1·8	7·2	7·9	2·9
November ...	74·6	71·8	...	75·9	74·7	4·1	4·8	2·3	...	7·0	3·8
December ...	72·9	69·9	...	74·6	73·1	4·7	5·2	2·6	...	7·8	4·2
Year ...	73·5	70·7	...	74·6	73·4	3·8	9·5	4·0	...	15·7	7·1

90. COCHIN.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January ...	73·3	67·4	74·4	77·5	73·6	10·1	5·9	2·8	9·3	9·0	3·9
February ...	76·5	72·4	77·6	79·9	75·7	7·5	4·9	2·5	7·8	7·8	2·4
March ...	76·9	72·7	78·3	80·4	75·9	7·7	5·0	2·6	7·7	7·9	2·7
April ...	78·0	72·2	79·6	81·6	77·2	9·4	4·8	3·4	7·1	8·1	2·7
May ...	78·2	73·7	79·8	81·1	76·9	7·4	3·9	2·6	6·0	6·0	2·9
June ...	75·5	71·4	76·8	78·1	74·9	6·7	2·6	2·2	3·4	3·9	2·1
July ...	76·0	71·4	77·4	78·4	75·9	7·0	3·7	2·7	5·1	6·0	2·2
August ...	75·4	70·6	76·8	78·4	75·0	7·8	4·0	2·6	5·4	6·8	2·0
September ...	75·5	71·8	77·3	77·2	75·1	5·4	3·7	2·6	5·1	5·7	2·2
October ...	75·2	71·4	76·5	77·7	74·6	6·3	3·7	2·5	4·7	6·4	2·0
November ...	75·4	72·2	76·6	77·3	75·3	5·1	4·6	2·3	7·2	7·7	2·0
December ...	74·2	70·2	75·8	76·7	74·2	6·5	5·2	2·7	7·6	8·6	3·0
Year ...	75·8	71·5	77·2	78·7	75·4	7·2	4·3	2·6	6·4	7·0	2·5

91. AKYAB.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	64·4	58·1	66·9	68 2	10·1	6·5	0·9	7·6	10·3
February ...	64·3	57·6	66·7	68·5	10·9	7·8	1·3	9·6	10·4
March	70·4	64·8	72·8	73·7	8·9	7·7	0·8	10·1	9·3
April	74·8	70·4	76·5	77·4	7·0	8·1	1·6	11·0	9·3
May	78·8	75·0	80·8	80·5	5·5	7·0	1·9	10·4	8·8
June	78·4	75·9	79·7	79·7	3·8	4·0	1·1	3·8	4·2
July	77·6	75·2	78·8	78·8	3·6	2·8	0·5	2·5	2·7
August... ...	78·0	75·2	79·4	79·5	4·3	2·8	0·6	2·4	3·0
September ...	78·1	75·4	79·4	79·4	4·0	3·9	1·1	4·3	5·0
October ...	76·8	73·7	78·6	78·2	4·5	4·8	0·9	5·7	6·8
November ...	74·2	70·6	75·7	76·2	5·6	4·0	0·6	5·1	5·6
December ...	66·4	60·6	68·5	70·1	9·5	5·6	0·6	6·9	7·8
Year	73·5	69·4	75·3	75·9	6·5	5·5	1·0	6·6	6·9

92. THYETMIO.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...
August... ...	...	...	...	...	...	...	...	...	...
September ...	...	...	...	...	...	...	...	...	...
October ...	...	...	...	...	...	...	...	...	...
November ...	72·8	67·5	74·4	76·4	8·9	3·3	0·9	6·0	7·4
December ...	67·0	58·5	69·4	73·0	14·5	4·0	0·4	6·8	10·1
Year	...	...	...	...	...	...	...	...	...

93. TOUNGHOO.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...
August... ...	...	...	...	...	...	...	...	...	...
September ...	...	...	...	...	...	...	...	...	...
October ...	...	...	...	...	...	...	...	...	...
November ...	75·3	69·8	76·7	79·4	9·6	2·7	1·3	3·6	5·5
December ...	69·7	60·6	71·3	77·1	16·5	2·1	0·8	3·5	5·0
Year	...	...	...	...	...	...	...	...	...

94. BASSEIN.

Month.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January ...	65·9	60·0	68·2	69·5	9·5	6·2	0·8	9·9	13·9
February ...	67·3	62·5	69·6	69·7	7·2	7·4	1·1	10·9	16·1
March	70·3	66·8	72·5	71·7	4·9	8·0	1·2	12·7	17·0
April	74·2	72·1	75·6	75·0	2·9	8·7	1·7	14·9	16·9
May	77·8	76·0	78·6	78·8	2·8	7·5	2·3	11·9	13·5
June	77·3	75·2	78·5	78·1	2·9	1·8	1·1	4·1	3·7
July	77·1	74·9	78·4	78·0	3·1	1·6	1·1	3·2	3·5
August... ...	77·1	75·1	78·2	77·9	2·8	1·8	1·2	3·4	3·5
September ...	77·1	74·3	78·7	78·3	4·0	2·2	1·1	4·2	4·9
October ...	77·2	74·3	79·0	78·4	4·1	2·1	1·0	4·9	4·9
November ...	75·2	71·4	76·6	77·6	6·2	3·3	1·1	6·4	6·9
December ...	69·7	63·3	71·9	74·0	10·7	4·4	0·7	7·1	10·3
Year	73·9	70·5	75·5	75·6	5·1	4·6	1·2	7·8	9·6

95. RANGOON.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	69·0	63·7	70·2	73·1	9·4	6·0	0·7	7·6	12·5
February ...	68·4	62·2	70·7	72·4	10·2	8·5	2·4	9·1	16·9
March	71·5	66·4	73·4	74·7	8·3	8·9	2·3	10·1	17·4
April	76·0	71·8	77·5	78·6	6·8	8·1	3·0	12·1	14·7
May	78·6	75·6	80·4	79·8	4·2	6·7	2·6	10·6	12·6
June	77·5	75·0	79·1	78·3	3·3	1·9	2·6	2·5	3·0
July	77·1	74·4	78·7	78·3	3·9	...	...	2·0	1·9
August... ...	77·3	74·6	79·4	78·0	3·4	0·6	1·1	2·1	2·1
September ...	77·6	74·4	79·5	78·8	4·4	1·3	1·2	2·8	3·4
October ...	78·2	74·9	80·1	79·6	4·7	1·6	0·9	3·1	4·2
November ...	77·5	72·7	79·2	80·5	7·8	2·5	1·1	4·3	5·7
December ...	72·8	67·2	74·8	76·5	9·3	4·5	0·2	6·6	10·7
Year	75·1	71·1	76·9	77·4	6·3	...	...	6·1	8·8

96. MOULMEIN.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January ...	...	...	69·0	72·2	...	...	...	8·4	13·8
February ...	...	...	71·8	73·5	...	...	...	8·8	14·6
March	...	...	76·5	74·9	...	...	...	9·3	14·5
April	76·0	73·2	77·6	77·3	4·1	7·9	2·4	11·6	15·0
May	77·3	74·7	78·6	78·5	3·8	7·0	4·2	10·1	11·2
June	76·7	74·5	77·9	77 6	3·1	1·9	1·2	3·4	3·9
July	76·2	73·5	77·7	77·5	4·0	1·4	0·7	2·6	3·5
August... ...	76·5	74·2	77·7	77 7	3·5	1·3	1·0	2·2	2·6
September ...	76·6	73·8	78·0	78·0	4·2	2·1	0·8	4·5	4·7
October ...	76·9	73·7	78·4	78·5	4·8	2·5	0·9	5·1	5·7
November ...	77·1	73·5	78·9	78·8	5·3	2·8	0·8	6·3	6·6
December ...	73·5	68·2	75·4	76·8	8·6	4·9	1·1	5·7	10·6
Year	76·5	76·8	...	...	...	...	...	6·5	8·9

97. MERGUI.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January... ...	...	...	...	...	...	...	...	...	...
February ...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	..	...
April	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...
August	...	...	...	...	..	...	...	...	...
September	77·1	74·0	78·7	78·6	4·6	1·1	0·6	3·6	3·2
October...	77·3	74·1	78·5	79·3	5·2	2·0	0·6	4·6	4·5
November	76·6	73·2	78·3	78·4	5·2	3·0	0·7	5·7	7·0
December	75·3	70·2	77·0	78·8	8·6	5·5	3·8	8·5	8·7
Year	...	...	...	...	...	...	...	...	...

98. PORT BLAIR.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January...	75·0	74·9	74·7	75·4	0·5	4·2	0·2	7·1	7·9
February	75·5	72·9	76·1	77·4	4·5	3·4	0·2	5·5	7·3
March ...	77·2	74·3	78·2	79·0	4·7	3·5	0·2	6·0	8·0
April ...	79·7	77·6	80·4	81·1	3·5	4·2	0·2	7·6	9·0
May ...	80·5	79·4	81·1	81·1	1·7	3·3	0·2	5·8	6·9
June ...	78·2	77·2	78·7	78·6	1·4	2 0	0·2	4·1	4·5
July ...	?	...	78·8	78·6	..	...	...	5·0	5·4
August ...	78·0	77·6	78·1	78·2	0·6	2·3	0·2	4·7	4·6
September	77·6	75·8	78·6	78·4	2·6	1·6	0·2	3 7	4·1
October...	78·5	76·2	79·9	79·3	3·1	1·5	0·2	4·1	4·4
November	78·9	77·0	79·9	79·7	2·7	2·2	0·2	4·6	5·2
December	78·3	76 9	78·9	79·0	2·1	2·5	0·2	4·8	5·4
Year ...	...	?	78·6	78·8	...	...	?	5·3	6·1

99. NANCOWRY.

MONTH.	Mean 3 obs.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB. Mean.	Minimum.	10 hours.	16 hours.
January...	74·6	72·6	75·7	75·4	2·8	5·5	5·2	8·1	7·0
February	75·6	73·5	76·9	76·5	3·0	5·2	4·3	7·9	7·2
March ...	77·2	75·1	78·3	78·1	3·0	5·2	3·8	7·7	7·7
April ...	77·7	75·2	79·2	78·8	3·6	7·1	6·4	9·5	9·2
May ...	78·7	77·1	79·6	79·5	2·4	5·5	3·8	7·5	8·1
June ...	77·8	75·8	78·7	78·8	3·0	3·7	2·7	5·3	5·7
July ...	78·0	76·3	79·0	78·8	2·5	4·1	3·3	6·1	5·8
August ...	77·0	74·8	78·4	77·8	3·0	3·1	2·8	5·1	4·9
September	77·4	75·5	78·5	78·3	2·8	3·0	1·7	4·9	5·4
October...	77·3	75·4	78·7	77·7	2·3	2·6	2·0	4·9	4·6
November	77·5	75·8	78·6	78·0	2·2	3·2	1·9	5·8	5·7
December	76·8	75·1	77·1	78·1	3·0	3·6	2·5	6·1	5·1
Year ...	77·1	75·2	78·2	78·0	2·8	4·3	3·4	6·6	6·4

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1877 (106 STATIONS).

Month.	1. Leh.				2. Peshwar.				3. Murree.				4. Rawalpindi.				5. Sealkot.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	...	·081	·084	...	·260	·266	·286	·228	·143	·139	·163	·127	·277	·284	·305	·243	?	·356	·367	?
February ...	...	·072	·079	...	·227	·228	·241	·213	·140	·149	·158	·112	·255	·261	·275	·220	·305	·329	·330	·255
March ...	...	·084	·087	...	·336	·361	·349	·297	·184	·191	·210	·152	·387	·399	·439	·323	?	·416	·416	?
April ...	...	·091	·088	...	·453	·473	·468	·419	·263	·287	·283	·218	·477	·491	·507	·433	?	·469	·460	?
May ...	...	·130	·122	...	·473	·476	·460	·483	·316	·349	·337	·263	·566	·559	·583	·557	·508	·536	·500	·488
June ...	...	·196	·179	...	·496	·511	·473	·505	·355	·386	·387	·292	·600	·560	·558	·683	·610	·655	·598	·577
July ...	...	·235	·259	...	·539	·583	·480	·555	·439	·465	·482	·371	·677	·649	·636	·746	·733	·777	·709	·712
August ...	...	·235	·274	...	·493	·514	·456	·508	·402	·431	·454	·320	·676	·661	·608	·758	·831	·912	·857	·724
September ...	...	·191	·188	...	·468	·523	·465	·415	?	?	?	·316	·624	·690	·610	·571	·639	·713	·608	·597
October ...	...	·125	·199	...	·399	·429	·407	·361	·247	·260	·272	·210	·452	·472	·498	·385	·512	·572	·577	·387
November ...	...	·108	·106	...	·370	·398	·400	·312	·225	·239	·250	·185	·409	·428	·449	·350	·422	·440	·463	·364
December ...	...	·092	·102	...	·282	·298	·311	·238	·163	·171	·180	·138	·311	·321	·341	·272	·363	·383	·401	·304
Year ...	...	·137	·140	...	·400	·422	·400	·378	?	?	?	·225	·476	·481	·484	·463	?	·547	·524	?

Month.	6. Lahore.						7. Ludhiana.				8. Simla.				9. Delhi.				10. Sirsa.			
	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·315	·288	·334	·317	·321	·268	?	?	?	?	...	·160	·185	...	·320	·350	·338	·271	·290	·329	·316	·226
February ...	·295	·279	·308	·278	·313	·263	·285	·322	·272	·262	...	·158	·184	...	·277	·310	·277	·244	·236	·262	·206	·241
March ...	·390	·377	·404	·363	·416	·369	·388	·406	·381	·378	...	·217	·234	...	·393	·418	·377	·385	·328	·346	·290	·347
April ...	·471	·460	·491	·441	·491	·452	·405	·398	·376	·442	...	·288	...	...	·461	·474	·460	·450	·311	·419	·357	·456
May ...	·487	·501	·491	·425	·531	·513	·451	·438	·407	·507	...	·341	·340	...	·525	·554	·514	·508	·474	·490	·418	·514
June ...	·607	·623	·615	·561	·628	·647	·575	·562	·577	·586	...	·387	·395	...	·622	·660	·591	·616	·573	·590	·509	·619
July ...	·707	·751	·720	·637	·721	·735	·712	·716	·681	·738	...	·476	·524	...	·734	·766	·700	·736	·695	·726	·636	·723
August ...	·614	·660	·625	·534	·638	·677	·703	·730	·673	·707	...	·514	·510	...	·693	·719	·657	·704	·601	·636	·524	·643
September ...	·631	·652	·646	·569	·656	·637	·657	·687	·632	·653	...	·435	·470	...	·561	·612	·524	·546	·570	·598	·510	·603
October ...	·446	·454	·463	·309	·470	·444	·475	·511	·464	·450	...	·312	·318	...	·472	·510	·455	·450	·375	·394	·344	·387
November ...	·377	·389	·319	·397	·404	·373	·392	·424	·385	·367	...	·276	·280	...	·385	·421	·401	·334	·377	·368	·340	·323
December ...	·342	·317	·359	·351	·340	·290	·356	·370	·381	·317	...	?	?	...	·340	·373	·361	·287	·307	·327	·307	·287
Year ...	·474	·479	·481	·439	·494	·472	?	?	?	?	...	?	?	...	·482	·514	·471	·461	·428	·440	·396	·447

Month.	11. Dera Ismail Khan.				12. Mooltan.				13. Ajmere.				14. Chakrata.				15. Dehra.		
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	9-30 hours.	3-30 hours.	From Minima.
January ...	·288	·310	·319	·235	·284	·305	·293	·254	·294	·284	·367	·231	·164	·173	·182	·136	...	·320	·313	...
February ...	·262	·275	·262	·250	·230	·222	·264	·231	·252	·255	·287	·214	·147	·157	·176	·108	...	·307	·294	...
March ...	·340	·356	·330	·333	·367	·376	·379	·345	·351	·381	·415	·256	·205	·215	·236	·164	...	·386	·369	...
April ...	·478	·487	·470	·477	·417	·358	·437	·456	·407	·424	·463	·333	·244	·284	·273	·174	...	·438	·392	...
May ...	·562	·547	·560	·580	·578	·562	·598	·573	·477	·532	·533	·367	·267	·324	·287	·189	...	·540	·489	...
June ...	·668	·708	·643	·652	·672	·644	·728	·643	·609	·690	·654	·484	·388	·419	·400	·344	...	·723	·674	...
July ...	?	?	?	·803	·765	·731	·804	·759	·691	·754	·764	·554	·517	·529	·560	·461	...	·832	·561	...
August ...	?	?	?	·641	·769	·769	·848	·691	·617	·691	·655	·505	·526	·550	·575	·454	...	·805	·834	...
September ...	·635	·686	·617	·603	·681	·657	·726	·661	·600	·652	·620	·529	·427	·341	·456	·484	...	·682	·695	...
October ...	·411	·439	·417	·379	·500	·495	·575	·429	·480	·513	·507	·416	·265	·287	·296	·211	...	·489	·464	...
November ...	·399	·415	·422	·361	·321	·253	·370	·342	·411	·436	·452	·346	·211	·227	·234	·172	...	·378	·370	...
December ...	·307	·326	·342	·253	·266	·278	·315	·204	?	·346	·417	?	·165	·172	·192	·130	...	·338	·346	...
Year ...	?	?	?	·464	·488	·471	·528	·466	?	·497	·511	?	·294	·307	·322	·252	...	·520	·508	...

Month.	16. Roorkee.				17. Ranikhet.				18. Meerut.				19. Bareilly.				20. Agra.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·339	·369	·359	·290	·201	·205	·223	·175	·338	·368	·365	·280	·351	·389	·376	·289	·329	·346	·324	·318
February ...	·330	·349	·374	·266	·182	·185	·201	·159	·300	·339	·302	·259	·334	·372	·353	·276	·263	·276	·238	·274
March ...	·334	·420	·365	·367	·242	·228	·248	·249	·414	·447	·404	·390	·464	·507	·491	·395	·391	·401	·354	·418
April ...	·396	·425	·365	·398	·297	·298	·301	·292	·471	·507	·459	·448	·479	·528	·486	·424	·451	·444	·415	·494
May ...	·458	·493	·420	·460	·322	·321	·317	·329	·545	·595	·535	·505	·484	·508	·453	·490	·502	·492	·449	·565
June ...	·576	·600	·524	·604	·416	·417	·416	·416	·698	·745	·700	·650	·681	·740	·630	·674	·636	·626	·587	·696
July ...	·772	·820	·732	·764	·557	·557	·565	·548	·771	·828	·777	·708	·819	·845	·807	·804	·770	·785	·733	·791
August ...	·760	·792	·730	·758	·549	·558	·574	·516	·736	·807	·735	·665	·780	·828	·766	·772	·709	·711	·664	·751
September ...	·623	·714	·536	·620	·467	·456	·503	·437	·583	·648	·564	·536	·637	·725	·545	·640	·588	·592	·520	·653
October ...	·470	·519	·445	·445	·333	·337	·350	·312	·534	·587	·559	·455	·546	·596	·507	·536	·523	·526	·500	·542
November ...	·385	·425	·389	·341	·290	·297	·305	·267	·420	·464	·443	·353	·437	·489	·428	·393	·423	·418	·418	·435
December ...	·357	·379	·384	·308	·224	·239	·241	·191	·350	·401	·385	·290	·381	·397	·417	·320	·359	·372	·373	·332
Year ...	·488	·525	·469	·468	·340	·342	·354	·324	·514	·561	·519	·462	·534	·577	·522	·502	·495	·499	·465	·522

Month.	21. Lucknow.				22. Gorakhpur.				23. Jhansi.				24. Nowgong.				25. Sutna.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·363	·409	·376	·318	·383	·415	·406	·328	·309	·310	·317	·301	...	...	...	...	·361	·391	·352	·339
February ...	·295	·334	·272	·278	·336	·373	·346	·290	·257	·253	·243	·274	...	...	...	...	·258	·274	·214	·285
March ...	·368	·431	·354	·379	·584	·649	·674	·428	·330	·316	·319	·354	...	...	...	...	·312	·304	·256	·375
April ...	·413	·436	·352	·452	?	·566	?	·414	·437	·444	·430	·436	...	...	...	...	·376	·399	·277	·452
May ...	·471	·523	·385	·504	·673	·746	·648	·624	·493	·451	·427	·602	...	...	...	...	·416	·425	·334	·488
June ...	·690	·741	·607	·723	·890	·963	·892	·814	·600	·575	·561	·664	·601	·606	·518	·678	·550	·581	·470	·599
July ...	·833	·850	·817	·833	·898	·938	·895	·861	·724	·740	·684	·747	·762	·770	·725	·791	·726	·736	·714	·728
August ...	·827	·843	·821	·818	·945	·963	·979	·892	·719	·701	·743	·713	·764	·761	·741	·789	·756	·778	·757	·733
September ...	·615	·706	·552	·677	·851	·900	·800	·852	·651	·669	·639	·644	·696	·720	·647	·720	·689	·727	·642	·697
October ...	·561	·600	·519	·565	·641	·673	·617	·633	·507	·527	·512	·482	·507	·531	·451	·539	·501	·541	·458	·505
November ...	·425	·472	·400	·404	?	·547	·485	?	·353	·368	·372	·318	·354	·387	·346	·330	·329	·369	·306	·313
December ...	·382	·411	·411	·323	?	·452	·448	?	·356	·372	·363	·333	·358	·375	·376	·324	·308	·331	·307	·285
Year ...	·525	·563	·459	·523	?	·682	?	?	·478	·477	·468	·489	...	...	...	...	·465	·488	·424	·483

Month.	26. Allahabad.						27. Benares.				28. Sibsagar.				29. Goalpara.				30. Darjeeling.			
	Mean.	4 hours.	10 hours.	16 hours.	23 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·427	·392	·432	·448	·439	·363	·388	·417	·407	·341	·397	·445	·423	·323	·410	·444	·408	·378	·208	·206	·230	·188
February ...	·349	·345	·350	·337	·363	·316	·321	·345	·311	·306	·404	·443	·408	·360	·372	·402	·362	·352	·200	·203	·219	·179
March ...	·450	·464	·454	·405	·475	·445	·402	·411	·348	·447	·506	·528	·521	·469	·472	·505	·450	·461	·261	·268	·284	·231
April ...	·535	·555	·554	·478	·548	·545	·492	·511	·450	·514	·608	·627	·619	·577	·628	·672	·619	·592	·330	·353	·357	·280
May ...	·591	·621	·624	·536	·586	·599	·567	·606	·515	·581	·746	·768	·773	·698	·776	·812	·804	·711	·407	·436	·426	·360
June ...	·781	·818	·792	·731	·796	·805	·774	·815	·699	·808	·899	·913	·925	·858	·910	·941	·923	·867	·528	·540	·571	·473
July ...	·862	·858	·866	·847	·878	·848	·856	·865	·853	·851	·934	·951	·969	·883	·928	·959	·952	·873	·553	·573	·583	·503
August ...	·891	·895	·884	·872	·912	·870	·894	·914	·889	·880	·929	·948	·948	·890	·917	·951	·930	·871	·546	·567	·582	·489
September ...	·830	·837	·874	·778	·833	·811	·777	·808	·696	·828	·881	·902	·906	·834	·887	·908	·922	·830	·501	·519	·533	·452
October ...	·643	·637	·657	·630	·643	·614	·596	·618	·565	·605	·726	·762	·739	·677	·721	·768	·713	·683	·378	·385	·427	·322
November ...	·474	·454	·495	·484	·465	·427	·442	·471	·424	·432	·595	·649	·613	·522	·591	·631	·615	·627	·304	·309	·351	·249
December ...	·424	·376	·435	·469	·416	·350	·365	·389	·369	·338	·466	·497	·509	·392	·469	·490	·491	·427	·249	·256	·280	·210
Year ...	·605	·601	·618	·585	·613	·583	·573	·598	·544	·578	·674	·703	·696	·624	·673	·707	·682	·631	·372	·383	·404	·328

Month.	31. Purneah.				32. Durbhanga.				33. Patna.				34. Gya.				35. Hazaribagh.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	?	·456	·436	?	·442	·462	·469	·395	·408	·440	·439	·345	·393	·432	·412	·338	·344	·357	·337	·339
February ...	?	·376	·369	?	·384	·408	·378	·367	·352	·388	·364	·303	·326	·323	·324	·331	·270	·271	·261	·278
March ...	?	·488	·414	?	·469	·486	·449	·473	·428	·449	·398	·438	·415	·388	·418	·439	·319	·320	·298	·338
April ...	·564	·599	·526	·566	·527	·564	·488	·529	·457	·468	·401	·502	·587	·612	·625	·524	·367	·379	·317	·406
May ...	·770	·790	·762	·759	·737	·774	·702	·735	·670	·698	·621	·692	·875	·944	·988	·693	·478	·467	·437	·530
June ...	·939	·971	·942	·904	·911	·964	·885	·884	·885	·911	·837	·907	·946	·985	·988	·864	·673	·687	·638	·693
July ...	·954	·972	·966	·924	·944	·971	·960	·901	·931	·945	·938	·911	·946	·999	1·008	·832	·769	·777	·778	·752
August ...	·966	·969	·987	·941	·975	·988	·983	·954	·962	·970	·965	·951	·940	·973	·963	·884	·789	·796	·809	·763
September ...	·938	·957	·939	·904	·942	·957	·951	·919	·882	·890	·863	·893	·886	·916	·901	·840	·728	·740	·716	·729
October ...	·719	·751	·705	·701	·721	·745	·706	·711	·659	·666	·645	·666	·678	·700	·690	·643	·523	·528	·508	·534
November ...	·554	·599	·560	·504	·580	·623	·562	·555	·495	·521	·495	·468	·458	·488	·425	·462	·371	·377	·360	·376
December ...	·423	·465	·448	·356	·452	·477	·482	·398	·399	·425	·444	·327	·372	·385	·379	·351	·303	·314	·298	·298
Year ...	?	·699	·671	?	·674	·701	·668	·652	·627	·648	·618	·617	·652	·679	·677	·600	·495	·501	·480	·503

Month.	36. Berhampore.				37. Burdwan.				38. Jessore.				39. Dacca.				40. Silchar.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·420	·458	·423	·378	·467	·494	·480	·428	·449	·492	·486	·369	·459	·505	·460	·413	·434	·483	·446	·373
February ...	·372	·403	·352	·360	·430	·437	·438	·414	·440	·455	·476	·388	·397	·426	·382	·384	·429	·470	·430	·386
March ...	·507	·520	·462	·540	·601	·649	·580	·574	·655	·705	·650	·610	·615	·664	·583	·599	·581	·624	·584	·534
April ...	·587	·610	·549	·603	·673	·721	·642	·657	·758	·825	·748	·702	·768	·829	·778	·697	·688	·717	·705	·641
May ...	·734	·789	·672	·741	·824	·879	·801	·793	·906	·975	·929	·813	·869	·930	·886	·792	·787	·822	·814	·724
June ...	·917	·945	·928	·878	·975	1·026	·993	·905	·971	·994	1·000	·919	·962	·995	·982	·909	·907	·939	·917	·866
July ...	·948	·969	·972	·901	1·006	1·032	1·074	·912	·980	·998	1·034	·908	·982	1·014	1·000	·931	·936	·949	·971	·887
August ...	·944	·950	·958	·925	·999	1·023	1·037	·937	·965	·983	·992	·920	·973	·999	·998	·921	·904	·928	·931	·854
September ...	·936	·960	·944	·905	·995	1·017	1·025	·943	·974	·990	·997	·935	·967	1·005	·971	·925	·900	·929	·916	·855
October ...	·754	·769	·746	·746	·844	·873	·864	·794	·832	·849	·848	·798	·822	·860	·806	·800	·796	·833	·847	·709
November ...	·604	·634	·590	·588	·654	·672	·681	·610	·700	·740	·771	·589	·646	·703	·622	·613	·652	·692	·686	·579
December ...	·447	·471	·470	·401	·472	·473	·525	·418	·460	·496	·480	·405	·481	·531	·472	·441	·491	·527	·533	·414
Year ...	·681	·706	·672	·664	·745	·775	·762	·699	·758	·792	·784	·696	·745	·788	·745	·702	·709	·743	·732	·652

41. Chittagong. 42. Calcutta. 43. Alipore. 44. Saugor Island.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January ...	·459	·496	·458	·423	·498	·482	·506	·472	·531	·468	...	...	...	...	...	...	·525	·496	·542	·537	·541	·468
February ...	·482	·517	·510	·418	·475	·489	·462	·432	·516	·451	...	...	...	...	...	...	·527	·521	·522	·524	·533	·468
March ...	·622	·656	·639	·572	·708	·722	·714	·666	·731	·670	...	...	...	...	...	...	·804	·806	·788	·801	·823	·770
April ...	·757	·818	·826	·628	...	...	...	...	...	...	·775	·797	·789	·665	·741	·762	·913	·884	·922	·930	·914	·850
May ...	·852	·897	·914	·745	...	...	...	...	...	...	·872	·870	·853	·810	·860	·823	·993	·959	1·006	1·023	·983	·882
June ...	·905	·963	·950	·803	...	...	...	...	...	...	·963	·951	·962	·928	·940	·904	1·020	1·009	1·041	1·024	1·008	·913
July ...	·918	·946	·974	·833	...	...	...	...	...	...	·974	·950	·982	·975	·961	·907	1·020	1·002	1·025	1·039	1·014	·933
August ...	·951	·978	1·018	·856	...	...	...	...	...	...	·976	·956	·955	·967	·982	·941	1·007	·991	1·004	1·016	1·016	·923
September ...	·927	·959	·979	·844	...	...	...	...	...	...	·967	·955	·956	·952	·966	·928	·995	·985	1·013	·990	·993	·929
October ...	·813	·842	·836	·761	...	...	...	...	...	...	·821	·818	·807	·771	·829	·804	·861	·843	·892	·867	·842	·798
November ...	·691	·732	·714	·626	...	...	...	...	...	...	·643	·640	·643	·582	·662	·618	·707	·681	·746	·698	·701	·631
December ...	·513	·545	·549	·445	...	...	...	...	...	...	·466	·450	·458	·424	·488	·444	·555	·543	·563	·544	·570	·489
Year ...	·741	·778	·781	·663	...	...	...	...	...	...	...	...	...	...	...	...	·827	·810	·839	·833	·828	·755

45. Cuttack. 46. False Point. 47. Sambalpur. 48. Raipur.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·487	·492	·460	·508	·557	·533	·571	·564	·567	...	·487	·382	·606	·474	·442	·469	·444	·413
February ...	·538	·548	·508	·558	·604	·581	·605	·606	·627	...	·569	·432	·758	·516	·442	·454	·462	·410
March ...	·631	·657	·505	·731	·813	·778	·809	·827	·824	...	·685	·478	·861	·567	·461	·468	·420	·495
April ...	·706	·707	·620	·791	·885	·864	·888	·889	·899	...	·697	·611	·836	·643	·598	·622	·593	·580
May ...	·826	·821	·761	·896	·993	·945	1·008	1·034	·985	...	·699	·686	·712	·698	·649	·641	·625	·682
June ...	·924	·929	·907	·937	1·010	·977	1·035	1·036	·992	...	·836	·840	·821	·846	·747	·731	·744	·765
July ...	·924	·908	·914	·949	1·001	·976	1·003	1·028	·994	...	·919	·930	·956	·871	·832	·848	·864	·788
August ...	·912	·909	·908	·918	·971	·954	·972	·992	·968	...	·906	·906	·949	·863	·834	·854	·877	·771
September ...	·901	·904	·885	·915	·990	·959	1·002	1·012	·989	...	·916	·931	·965	·851	·858	·886	·878	·811
October ...	·797	·794	·772	·824	·929	·910	·946	·948	·914	...	·788	·806	·795	·763	·732	·754	·760	·683
November ...	·610	·624	·582	·624	...	Rejected.		...	...	...	·590	·619	·599	·552	·502	·519	·497	·490
December ..	·530	·517	·509	·564	...	·584	·568	...	...	...	·572	·575	·611	·531	·518	·522	·528	·504
Year ...	·732	·734	·693	·768	...	...	...	...	...	...	·718	·683	·789	·681	·635	·647	·641	·616

Month.	49. Nagpur.				50. Seoni.				51. Jubbulpore.				52. Saugor.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·417	·443	·423	·384	·362	·374	·376	·335	·397	·419	·410	·363	·244	·277	·242	·212
February ...	·378	·380	·377	·378	·330	·324	·343	·324	·365	·367	·397	·332	·203	·221	·157	·232
March ...	·407	·438	·352	·430	·380	·391	·385	·364	·426	·416	·445	·418	·287	·300	·279	·283
April ...	·507	·562	·442	·516	·498	·527	·508	·460	·512	·544	·485	·507	·332	·364	·296	·337
May	·543	·576	·496	·556	·546	·553	·569	·516	·538	·568	·524	·523	·296	·347	·265	·275
June	·677	·713	·634	·655	·653	·668	·675	·617	·740	·798	·725	·696	·488	·602	·536	·326
July	·779	·793	·793	·750	·732	·740	·753	·702	·831	·846	·871	·776	·622	·776	·711	·379
August ...	·773	·794	·795	·731	·724	·740	·753	·679	·799	·810	·827	·760	?	·781	·698	?
September ...	·777	·806	·771	·755	·715	·741	·727	·677	·792	·828	·803	·745	?	·717	·596	?
October ...	·656	·700	·630	·638	·614	·651	·634	·558	·677	·736	·716	·578	·497	·562	·417	·513
November ...	·442	·496	·405	·425	·434	·459	·479	·364	·499	·595	·540	·362	·296	·316	·232	·340
December ...	·523	·537	·528	·504	·499	·507	·561	·428	·459	·484	·507	·385	·331	·377	·303	·312
Year	·573	·603	·554	·563	·541	·556	·564	·502	·586	·618	·604	·537	?	·470	·394	?

Month.	53. Pachmarhi.				54. Hoshangabad.				55. Khandwa.				56. Chikalda.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·330	·341	·364	·284	·375	·405	·398	·321	·353	·382	·392	·284	·337	·354	·362	·295
February ...	·288	·286	·317	·262	·309	·313	·340	·273	·300	·309	·332	·258	·300	·310	·318	·273
March ...	·319	·333	·311	·312	·360	·403	·365	·338	·260	·305	·241	·233	·311	·329	·301	·302
April	·357	·386	·344	·342	·400	·446	·389	·364	·326	·382	·357	·238	·466	·480	·485	·434
May	·424	·458	·384	·430	·460	·500	·400	·481	·410	·492	·346	·391	·398	·384	·384	·425
June	·565	·603	·540	·552	·695	·726	·671	·689	·645	·744	·591	·600	·556	·578	·547	·544
July	·661	·687	·683	·612	·777	·800	·762	·770	·702	·748	·693	·666	·641	·657	·654	·611
August ...	·649	·667	·697	·584	·792	·813	·805	·759	?	·755	·746	?	·626	·643	·657	·577
September ...	·620	·642	·650	·569	·768	·793	·760	·750	·707	·725	·685	·710	·622	·643	·651	·571
October ...	·479	491	·504	·443	·637	·663	·663	·584	·543	·571	·482	·577	·504	·568	·592	·351
November ...	·335	·348	·347	·311	·443	·462	·482	·384	·382	·403	·362	·382	·441	·538	·558	·228
December ...	·421	·443	·451	·369	·518	·511	·622	·420	·472	·480	·460	·476	·430	·486	·493	·312
Year	·454	·474	·466	·423	·545	·568	·555	·511	?	·525	·474	?	·469	·498	·500	·410

	57. Buldana.				58. Akola.				59. Amraoti.				60. Chanda.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·358	·369	·351	·355	·370	·377	·400	·334	·377	·390	·370	·370	·447	·482	·447	·411
February ...	·362	·362	·350	·343	·368	·379	·397	·329	·375	·375	·361	·390	·469	·495	·479	·432
March ...	·355	·381	·352	·332	·347	·382	·332	·326	·359	·375	·280	·423	·537	·566	·518	·527
April ...	·395	·422	·377	·387	·363	·401	·334	·354	·410	·402	·308	·520	·614	·669	·562	·611
May ...	·502	·560	·449	·498	·421	·495	·360	·408	·469	·445	·337	·624	·592	·637	·574	·564
June ...	·646	·689	·623	·626	·645	·700	·566	·670	·713	·741	·642	·755	·734	·778	·717	·707
July ...	·673	·694	·662	·662	·711	·733	·681	·719	·716	·733	·689	·727	·789	·801	·802	·765
August ...	·663	·686	·664	·638	·684	·717	·648	·688	·712	·732	·687	·716	·814	·823	·848	·771
September ...	·673	·706	·665	·647	·706	·745	·672	·702	·692	·724	·637	·716	·871	·910	·895	·809
October ...	·575	·611	·566	·549	·607	·649	·552	·620	·591	·623	·575	·576	·773	·825	·772	·723
November ...	·402	·418	·407	·380	·394	·443	·361	·379	·418	·465	·415	·373	·512	·590	·476	·470
December ...	·471	·481	·473	·460	·511	·537	·498	·498	·520	·558	·516	·487	·602	·645	·612	·550
Year ...	·505	·532	·495	·490	·511	·547	·483	·502	·529	·547	·485	·556	·646	·685	·642	·612

	61. Sironcha.				62. Jacobabad.				63. Bikanir.				64. Hyderabad.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·523	·591	·511	·468	...	...	...	...	...	...	...	...	...	...	...	...
February ...	·588	·636	·544	·584	...	...	...	...	...	...	...	...	...	...	...	...
March ...	·565	·620	·484	·592	·513	·541	·592	·405	...	...	...	...	...	...	...	...
April ...	·653	·691	·605	·663	·662	·694	·734	·558	...	...	...	...	...	...	...	...
May ...	·690	·715	·640	·715	·812	·916	·870	·649	...	...	...	...	...	...	...	...
June ...	·813	·824	·777	·839	?	1·058	?	·836	...	...	...	...	?	?	?	·922
July ...	·813	·814	·825	·801	·817	·885	·782	·784	...	...	...	...	·824	·804	·815	·854
August ...	·831	·825	·835	·834	·755	·833	·701	·730	...	...	...	...	·810	·802	·789	·840
September ...	·844	·880	·807	·845	·745	·799	·782	·653	·946	1·012	·985	·841	·885	·914	·907	·834
October ...	·821	·842	·827	·794	·591	·645	·709	·420	·660	·691	·777	·511	?	·723	?	·621
November ...	·625	·659	·680	·535	·502	·536	·581	·388	·513	·545	·538	·457	·664	·679	·756	·557
December ...	·685	·726	·720	·610	·300	·321	·343	·235	·288	·307	·292	·264	·356	·346	·419	·302
Year ...	·704	·735	·688	·690	?	...	?	...	...	...	...	...	?	...	?	...

Month.	65. Kurrachee.				66. Bhuj.				67. Rajkot.				68. Deesa.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·333	·320	·344	·258	·463	·494	·583	·313	...	...	...	...	·318	·293	·278	·263
February ...	·383	·352	·370	·309	·534	·585	·647	·370	...	...	...	...	·306	·299	·288	·298
March ...	·639	·603	·605	·542	·724	·754	·857	·560	...	...	...	...	·400	·426	·342	·339
April	·756	·740	·738	·690	·887	·903	1·070	·688	...	...	...	...	·500	·520	·450	·395
May	·849	·796	·832	·792	·787	·847	·849	·666	...	...	...	...	·661	·705	·545	·584
June	·949	·935	·930	·909	·868	·908	·889	·806	...	...	...	...	·847	·868	·770	·800
July	·860	·855	·866	·837	·770	·779	·759	·772	·743	·718	·704	·808	·825	·833	·772	·791
August ...	·817	·804	·819	·814	·727	·725	·695	·761	·666	·674	·642	·683	·751	·774	·738	·706
September ...	·841	·810	·849	·842	·739	·747	·717	·754	·689	·692	·661	·713	·724	·737	·708	·683
October ...	·588	·575	·615	·595	·539	·563	·463	·590	?	·487	·445	?	·482	·512	·480	·473
November ...	·572	·568	·632	·514	·428	·460	·348	·476	·344	·357	·325	·349	·353	·382	·359	·316
December ...	·429	·441	·499	·278	·257	·257	·236	·278	·262	·283	·274	·228	·345	·356	·372	·261
Year	·668	·650	·675	·615	·644	·669	·676	·586	?	...	...	?	·543	·559	·509	·492

Month.	69. Mount Abu.				70. Neemuch.				71. Surat.				72. Malegaon.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·206	·222	·228	·168	...	...	...	...	...	...	...	...	...	...	...	...
February ...	·165	·174	·175	·147	...	...	...	...	...	...	...	...	...	...	...	...
March ...	·170	·189	·181	·141	·299	·302	·300	·296	...	...	...	...	...	...	...	...
April	·239	·267	·240	·211	?	·640	?	·401	·576	·615	·528	·585	...	...	...	...
May	·339	·362	·368	·296	·498	·525	·526	·443	·741	·729	·747	·747	...	...	...	...
June	·431	·539	·521	·383	·560	·572	·518	·589	·866	·887	·882	·828	·824	·863	·892	·716
July	·569	·616	·606	·485	·505	·467	·476	·571	·873	·892	·869	·857	·774	·793	·819	·710
August ...	·519	·567	·548	·441	·444	·388	·418	·525	·805	·809	·796	·810	·699	·709	·718	·670
September ...	·485	·529	·523	·403	·487	·434	·556	·470	·824	·856	·800	·816	·778	·760	·914	·660
October ...	·306	·337	·340	·210	·330	·295	·325	·371	·685	·693	·705	·656	·557	·607	·568	·497
November ...	·243	·262	·271	·196	·260	·223	·267	·290	·474	·490	·488	·443	·381	·425	·422	·295
December ...	·224	·247	·254	·170	·222	·165	·242	·260	·464	·475	·482	·436	·452	·473	·510	·373
Year	·329	·359	·355	·273	?	...	?	...	...	...	...	...	...	...	...	...

73. BOMBAY. 74. POONA. 75. SHOLAPUR. 76. RATNAGIRI. 77. BELGAUM.

MONTH.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·606	·573	·579	·646	·627	·551	·420	·433	·428	·329	·377	·455	·440	·235	·559	·537	·645	·496	·428	·437	·420	·357
February ...	·590	·565	·558	·633	·606	·516	·415	·415	·418	·325	·408	·451	·377	·396	·601	·594	·643	·566	·467	·436	·468	·421
March ...	·716	·690	·689	·756	·730	·643	·423	·397	·402	·316	·374	·397	·356	·369	·755	·771	·833	·661	·422	·333	·466	·327
April ...	·824	·809	·797	·832	·859	·778	·473	·451	·440	·345	·389	·405	·376	·387	·831	·854	·887	·752	·502	·409	·568	·423
May ...	·875	·859	·858	·898	·883	·834	·592	·561	·541	·511	·406	·442	·381	·394	·895	·912	·941	·831	·593	·517	·630	·533
June ...	·940	·927	·946	·955	·933	·868	·732	·756	·726	·672	·470	·560	·507	·343	·918	·950	·959	·846	·692	·724	·727	·613
July ...	·943	·918	·959	·959	·932	·860	·701	·712	·710	·669	·521	·555	·532	·477	·920	·948	·957	·856	·689	·720	·721	·609
August ...	·914	·896	·933	·923	·900	·833	·685	·692	·694	·656	·499	·538	·516	·442	·895	·942	·932	·811	·675	·723	·720	·598
September...	·918	·902	·932	·939	·899	·840	·707	·724	·704	·664	·555	·598	·598	·470	·886	·931	·945	·782	·694	·730	·747	·596
October ...	·870	·861	·877	·869	·872	·803	·688	·719	·676	·635	·553	·519	·588	·551	·867	·905	·925	·770	·683	·706	·720	·587
November ...	·744	·728	·706	·759	·781	·687	·507	·527	·496	·426	·450	·460	·434	·456	·723	·707	·809	·652	·513	·555	·500	·454
December ...	·696	·673	·670	·740	·699	·632	·539	·540	·519	·477	·506	·538	·509	·472	·693	·673	·767	·639	·509	·537	·505	·470
Year ...	·803	·783	·792	·826	·810	·737	·573	·577	·563	·502	·459	·493	·468	·416	·795	·810	·854	·722	·572	·569	·599	·499

78. VIZAGAPATAM. 79. SECUNDERABAD. 80. MASULIPATAM. 81. BELLARY.

MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January ...	·610	·607	·598	·614	·630	·410	·403	·442	·369	·363	...	·631	·635	·635	·654	·580	·357	·410	·317	·337	·355
February ...	·706	·704	·696	·701	·687	·493	·433	·476	·397	·388	...	·708	·716	·705	·729	·674	·382	·416	·359	·360	·387
March ...	·764	·763	·735	·762	·702	·542	·412	·414	·382	·388	...	·728	·722	·710	·774	·695	·814	·355	·296	·317	·306
April ...	·840	·849	·831	·832	·862	·635	·453	·463	·394	·412	...	·809	·772	·788	·850	·786	·428	·469	·360	·409	·441
May ...	·924	·927	·900	·932	·938	·693	·448	·468	·400	·415	...	·806	·762	·754	·884	·804	·485	·518	·427	·457	·383
June ...	·905	·903	·889	·904	·923	·725	·590	·603	·570	·583	·653	·815	·778	·778	·890	·789	·644	·651	·600	·655	·646
July ...	·882	·882	·873	·879	·895	·685	.612	·610	·544	·648	·625	·745	·697	·677	·842	·751	·593	·605	·528	·610	·617
August ...	·864	·875	·848	·853	·884	·607	·619	·624	·572	·637	·632	·779	·751	·708	·857	·785	·620	·619	·574	·640	·626
September ...	·896	·898	·886	·889	·910	·635	·700	·705	·672	·708	·701	·891	·899	·885	·917	·844	·706	·716	·681	·721	·688
October ...	·846	·862	·844	·819	·858	·617	·690	·699	·665	·684	·697	·890	·915	·891	·895	·837	·752	·770	·736	·771	·725
November ...	·682	·693	·635	·685	·714	·388	·493	·503	·479	·450	·502	·765	·767	·771	·792	·721	·646	·681	·629	·657	·614
December ...	·657	·642	·636	·675	·673	·437	·535	·571	·504	·495	·540	·730	·760	·730	·741	·681	·596	·633	·584	·584	·575
Year ...	·798	·800	·781	·795	·814	·572	·533	·548	·496	·514	...	·775	·765	·753	·819	·746	·544	·570	·508	·543	·530

	82. Bangalore.					83. Madras.					84. Salem.					85. Coimbatore.				
Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January ...	·437	·449	·420	·446	·428	·615	·619	·624	·630	·587	·577	·578	·493	·581	·529	·480	·551	·435	·460	·470
February ...	·461	·466	·430	·425	·478	·649	·628	·658	·679	·628	·537	·560	·457	·553	·568	·566	·640	·497	·591	·534
March ...	·552	·516	·496	·581	·519	·695	·675	·696	·738	·663	·526	·541	·445	·530	·566	·564	·607	·496	·621	·518
April ...	·538	·598	·475	·506	·546	·782	·752	·785	·808	·759	·670	·707	·558	·702	·680	·664	·698	·568	·707	·648
May ...	·591	·603	·540	·600	·604	·826	·768	·836	·880	·787	·696	·749	·606	·700	·705	·677	·688	·604	·729	·673
June ...	·636	·634	·613	·643	·626	·772	·710	·763	·849	·740	·761	·784	·726	·761	·743	·698	·712	·701	·687	·665
July ...	·599	·597	·564	·615	·607	·735	·641	·747	·824	·705	·735	·754	·664	·759	·734	·656	·673	·629	·673	·618
August ...	·621	·619	·602	·637	·614	·731	·672	·722	·792	·720	·768	·787	·755	·779	·737	·650	·668	·633	·656	·634
September ...	·651	·657	·648	·666	·619	·811	·790	·819	·840	·784	·808	·829	·794	·805	·781	·655	·665	·624	·677	·634
October ...	·652	·657	·646	·668	·619	·830	·822	·826	·859	·808	·841	·855	·845	·850	·794	·688	·701	·682	·697	·652
November ...	·586	·588	·575	·612	·540	·788	·794	·791	·805	·757	·753	·784	·766	·751	·722	·653	·660	·618	·676	·646
December ...	·520	·521	·503	·563	·482	·750	·768	·762	·748	·723	·733	·758	·773	·744	·654	·630	·620	·588	·659	·637
Year ...	·570	·575	·543	·576	·557	·749	·720	·752	·788	·722	·700	·724	·657	·710	·684	·632	·657	·590	·653	·611

	86. Trichinopoly.					87. Negapatam.					88. Madura.					89. Cochin.				
Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January ...	·557	·558	·501	·603	·568	·650	·671	·653	·652	·620	·575	·609	·525	·558	·599	·741	·729	·826	·779	·637
February ...	·599	·599	·509	·652	·623	·664	·660	·667	·678	·646	·585	·598	·492	·611	·628	·848	·843	·912	·858	·762
March ...	·600	·587	·516	·639	·611	·608	·717	·700	·723	·681	·616	·651	·500	·667	·630	·862	·868	·934	·860	·769
April ...	·681	·665	·565	·724	·748	·869	·885	·870	·880	·816	·727	·726	·614	·780	·759	·894	·913	·966	·902	·745
May ...	·678	·675	·577	·723	·711	·865	·860	·854	·917	·802	·741	·744	·653	·760	·770	·912	·939	·985	·888	·801
June ...	·669	·651	·608	·701	·696	·803	·761	·802	·852	·748	·712	·693	·697	·722	·711	·849	·876	·910	·839	·744
July ...	·631	·622	·561	·666	·651	·790	·716	·839	·843	·737	·678	·645	·612	·733	·693	·850	·872	·895	·866	·739
August ...	·645	·634	·580	·685	·660	·775	·728	·786	·831	·721	·674	·649	·630	·731	·669	·829	·850	·880	·841	·717
September ...	·709	·694	·660	·753	·711	·850	·845	·837	·880	P	·740	·743	·692	·773	·741	·839	·870	·861	·840	·750
October ...	·779	·772	·748	·796	·785	·873	·914	·903	·886	·793	·814	·826	·804	·824	·778	·847	·849	·867	·852	·738
November ...	·756	·753	·748	·787	·730	·815	·856	·831	·823	·748	·794	P	·803	·811	·751	·819	·819	·833	·850	·760
December ...	·724	·735	·717	·765	·668	·798	·831	·811	·798	·751	·743	P	·755	·761	·699	·779	·790	·790	·810	·707
Year ...	·669	·662	·608	·708	·680	·780	·787	·796	·814	P	·700	P	·648	·728	·702	·839	·852	·888	·849	·739

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1877.

Ceylon Stations.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.	Year.
90. Colombo ...	·772	·748	·818	·945	·985	·887	·880	·855	·805	·795	·701	·778	·838
91. Jaffna ...	·813	·779	·836	1·047	1·082	·961	·923	·942	·933	·984	·911	·882	·924
92. Trincomalee ...	·828	·830	·876	·837	·894	·803	·847	·808	·833	?	?	?	?
93. Batticaloa ...	·770	·825	·838	·905	·890	·904	·886	·937	·887	·860	·856	·880	·870
94. Hambantota ...	·824	·842	·868	·932	·856	·894	·867	·904	·883	·883	·884	·888	·877
95. Galle ...	·804	·815	·866	·909	·915	·907	·931	·929	·909	·892	·891	·885	·888
96. Kandy ...	·609	·647	·766	·829	·787	745	·733	·728	·731	·756	·741	·740	·734
97. Newera Eliya ...	·321	·309	·345	·372	·419	·450	·443	·433	·425	·432	·433	·435	·401

Month.	98. Akyab.				99. Thyetmio.				100. Tounghoo.				101. Bassein.				102. Rangoon.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	·531	·563	·555	·476	...	...	...	...	...	...	..	...	·536	·559	·539	·511	·624	·643	·648	·580
February ...	·521	·533	·562	·467	...	...	...	...	...	...	...	...	·550	·582	·514	·554	·578	·631	·572	·530
March ...	·666	·679	·711	·609	...	...	...	...	...	...	...	...	·609	·631	·553	·643	·647	·690	·630	·622
April ...	·775	·773	·822	·730	...	...	...	...	...	...	...	...	·699	·686	·644	·766	·776	·787	·792	·749
May ...	·895	·911	·927	·847	...	...	...	...	..	...	...	...	·831	·820	·804	·868	·868	·902	·851	·852
June ...	·936	·966	·958	·884	...	...	...	...	...	...	...	...	·899	·921	·915	·860	·905	·961	·929	·825
July ...	·926	·954	·954	·869	...	...	...	...	...	...	...	...	·899	·931	·913	·852	?	·954	·943	?
August ...	·939	·977	·970	·871	...	...	...	...	...	.	...	...	·896	·921	·910	·856	·918	·976	·933	·845
September ...	·919	·949	·940	·567	...	...	...	...	...	...	...	...	·889	·927	·906	·834	·916	·971	·940	·836
October ...	·868	·905	·877	·821	...	...	...	...	...	...	...	...	·892	·929	·908	·838	·933	·989	·958	·853
November ...	·802	·826	·831	·749	·753	·776	·813	·671	·843	·876	·933	·720	·816	·832	·856	·759	·903	·944	·970	·791
December ...	·588	·607	·633	·524	·601	·631	·682	·489	·705	·722	·869	·523	·656	·693	·697	·577	·730	·778	·746	·666
Year ...	·781	·804	·812	·726	...	...	...	...	...	...	...	...	·764	·786	·763	·743	?	·852	·826	?

Month.	103. Moulmein.				104. Mergui.				105. Port Blair.				106. Nancowry.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	?	·603	·610	?	...	...	...	...	·804	·771	·776	·865	·764	·783	·775	·735
February ..	?	·665	·635	?	...	...	...	...	·828	·830	·843	·810	·804	·823	·817	·771
March ...	?	·793	·672	?	...	...	...	...	·872	·885	·883	·849	·849	·864	·859	·823
April ...	·776	·790	·744	·793	...	...	...	...	·930	·937	·908	·945	·840	·873	·860	·788
May ...	·833	·843	·824	·831	...	...	...	...	·987	·985	·971	1·006	·889	·903	·887	·878
June ...	·888	·913	·900	·850	...	...	...	...	·928	·927	·921	·936	·894	·914	·911	·857
July ...	·877	·917	·897	·818	...	...	...	...	·937	·921	·905	·084	·893	·912	·906	·862
August ...	·894	·924	·915	·842	...	...	...	...	·917	·901	·904	·947	·873	·905	·888	·826
September ...	·875	·900	·896	·829	·902	·937	·939	·829	·914	·932	·918	·891	·888	·911	·892	·861
October ...	·880	·904	·902	·835	·897	·915	·943	·834	·939	·970	·946	·902	·886	·916	·888	·854
November ...	·873	·903	·899	·816	·839	·893	·813	·810	·944	·959	·947	·927	·884	·903	·881	·868
December ...	·757	·808	·782	·680	·828	·832	·870	·783	·925	·927	·920	·927	·878	·901	·894	·839
Year ...	?	·830	·806	?	...	...	...	...	·910	·912	·904	·916	·862	·884	·872	·830

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1877 (106 STATIONS).

	1. LEH.				2. PESAHWAR.				3. MURREE.				4. RAWALPINDI.				5. SEALKOT.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	...	56	58	...	73	70	61	88	59	53	63	60	79	75	68	94	?	77	68	?
February ...	...	56	54	...	66	58	51	89	61	58	64	61	76	71	62	94	75	71	61	92
March ...	...	41	35	...	62	57	46	84	54	49	57	57	71	65	57	91	?	57	49	?
April ...	...	29	26	...	68	62	55	86	65	61	65	68	72	65	59	93	?	49	44	?
May ...	...	30	23	...	49	40	35	73	59	61	57	59	59	49	40	88	48	46	35	63
June ...	...	37	26	...	42	33	29	63	46	44	45	49	51	38	31	84	44	41	33	58
July ...	...	40	29	...	40	36	24	59	55	53	50	62	54	45	34	83	52	51	39	66
August ...	...	41	32	...	38	33	24	58	46	45	42	52	55	47	33	86	56	54	44	69
September ...	...	38	30	...	45	41	30	65	?	?	?	57	59	55	40	81	50	47	38	66
October ...	...	39	30	...	57	56	42	73	58	56	61	57	66	61	54	84	58	59	50	64
November ...	...	44	40	...	79	66	94	78	66	61	71	66	79	78	69	91	62	59	57	69
December ...	...	57	60	...	74	74	66	81	66	60	72	65	85	85	75	95	81	83	74	87
Year ...	...	42	37	...	58	52	46	75	?	?	?	59	67	61	52	89	?	58	49	?

	6. LAHORE.						7. LUDHIANA.				8. SIMLA.				9. DELHI.				10. SIRSA.			
MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	77	91	74	57	87	92	?	?	?	?	...	55	66	...	68	70	54	79	66	65	53	81
February ...	73	90	65	49	86	91	69	70	47	91	...	56	61	...	58	63	42	70	56	52	31	84
March ...	61	78	54	41	72	82	61	55	44	85	...	55	57	...	53	50	36	72	47	42	27	73
April ...	57	74	51	39	66	78	66	80	42	77	...	56	...	...	47	42	35	65	45	36	26	72
May ...	45	61	38	29	54	66	44	36	28	68	...	55	59	...	42	39	30	56	41	34	26	64
June ...	42	56	35	29	46	62	41	36	29	58	...	51	51	...	42	42	30	55	39	36	25	57
July ...	48	63	42	34	52	67	53	48	42	68	...	64	63	...	51	39	64	50	47	45	32	63
August ...	42	60	36	25	47	64	51	49	37	68	...	67	62	...	46	33	61	44	38	35	25	54
September ...	52	68	44	34	61	71	56	51	42	76	..	63	65	...	40	29	51	40	43	39	30	60
October ...	53	71	44	32	63	76	55	50	38	78	...	55	57	...	49	50	38	60	40	33	26	62
November ...	60	75	55	43	70	77	58	53	40	81	...	57	62	...	48	47	37	60	47	42	32	68
December ...	79	91	75	64	86	91	80	81	65	94	...	?	?	...	67	70	54	76	66	62	48	88
Year ...	57	73	51	40	66	76	?	?	?	?	...	?	?	...	51	48	44	61	48	43	32	68

	11. Dera Ismail Khan.				12. Mooltan.				13. Ajmere.				14. Chakrata.				15. Dehra.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	9-30 hours.	3-30 hours.	From Minima.
January ...	71	71	56	85	66	64	49	84	59	52	45	80	70	68	71	71	...	78	53	...
February ...	65	62	45	88	55	45	44	75	52	44	34	77	66	67	71	61	...	77	51	...
March ...	52	48	33	74	54	50	39	72	42	38	31	57	65	60	66	68	...	65	45	...
April ...	61	55	47	82	52	40	37	78	40	34	30	56	59	58	61	59	...	55	39	...
May ...	51	43	37	73	48	45	34	66	38	38	29	46	50	52	45	53	...	50	37	...
June ...	44	36	32	65	44	40	33	60	39	43	32	43	63	63	57	68	...	57	45	...
July ...	?	?	?	72	52	47	41	68	57	62	50	59	84	81	84	88	...	71	62	...
August ...	?	?	?	64	56	55	47	66	47	52	36	53	83	81	85	84	...	70	62	...
September ...	50	47	34	69	59	54	50	73	49	49	35	62	71	69	74	69	...	61	51	...
October ...	47	42	33	66	58	52	51	70	50	46	38	67	57	58	55	58	...	58	46	...
November ...	63	56	51	81	49	33	44	71	52	44	37	75	52	49	53	54	...	55	40	...
December ...	72	70	62	84	60	63	57	59	?	57	48	?	58	55	63	56	...	72	56	...
Year ...	?	?	?	75	54	48	44	70	?	47	37	?	65	63	65	66	...	64	49	...

	16. Roorkee.				17. Ranikhet.				18. Meerut.				19. Bareilly.				20. Agra.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	76	78	58	91	71	69	70	73	75	75	58	92	71	74	57	81	67	66	47	88
February ...	75	74	62	88	67	66	62	72	68	69	48	88	71	73	54	85	53	49	30	81
March ...	59	57	40	81	65	56	55	83	60	55	40	84	64	64	47	81	47	43	27	71
April ...	46	41	29	69	63	56	55	78	52	46	34	77	49	46	36	65	41	36	25	62
May ...	41	37	26	59	54	48	46	69	49	43	32	73	40	36	27	56	37	31	24	56
June ...	44	40	30	62	57	53	50	69	50	46	36	67	50	50	37	64	39	35	28	55
July ...	60	59	45	75	79	75	73	90	56	56	47	65	62	62	49	76	53	51	40	69
August ...	58	56	43	76	77	75	71	85	50	52	38	59	58	56	46	71	45	42	32	61
September ...	50	48	31	71	66	60	63	75	43	42	33	54	48	50	29	65	41	36	27	61
October ...	54	50	38	74	64	59	60	73	60	59	50	70	61	59	43	80	52	47	38	72
November ...	55	52	36	76	60	55	55	71	57	55	43	73	61	62	40	81	50	44	33	74
December ...	76	78	64	86	64	63	63	66	74	78	62	83	77	78	65	88	67	66	52	83
Year ...	58	56	42	76	66	61	60	75	58	56	43	74	59	59	44	74	49	46	34	69

Month.	21. Lucknow.				22. Gorakhpur.				23. Jhansi.				24. Nowgong.				25. Sutna.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	71	70	52	90	67	68	54	79	56	49	45	74	...	...	...	...	66	65	47	85
February ...	59	58	37	81	61	60	46	78	46	40	31	68	...	...	...	...	51	45	27	80
March ...	48	43	29	73	65	65	56	75	38	31	26	57	...	...	...	...	39	30	21	67
April ...	42	36	24	65	48	49	36	58	38	35	30	48	...	...	...	...	37	31	18	62
May ...	38	34	22	57	53	54	37	69	37	28	23	59	...	...	...	...	35	29	20	55
June ...	48	44	33	66	64	65	49	78	41	34	33	57	41	36	30	58	39	37	27	54
July ...	61	59	47	76	71	72	59	83	54	52	41	68	59	54	48	75	60	58	50	72
August ...	59	54	49	75	76	73	67	88	53	50	45	63	59	53	51	74	66	63	58	76
September ...	48	44	30	69	67	65	48	88	49	45	39	64	57	53	41	76	60	57	45	78
October ...	60	54	41	84	68	63	51	90	48	44	38	61	50	45	32	73	53	49	37	74
November ...	55	48	33	83	?	59	41	?	39	33	30	54	44	39	27	65	42	36	25	64
December ...	72	71	57	87	?	77	60	...	59	54	45	77	60	56	44	79	51	48	34	72
Year ...	55	51	38	76	?	64	50	?	47	41	36	63	...	...	...	...	50	46	34	70

Month.	26. Allahabad.						27. Benares.				28. Sibsagar.				29. Goalpara.				30. Darjeeling.			
	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours	16 hours.	From Minima.
January ...	82	97	78	64	90	92	72	70	55	91	83	91	60	97	75	78	57	91	78	72	73	89
February ...	72	95	62	46	84	89	62	58	41	88	78	81	56	96	65	66	46	82	80	77	77	86
March ...	57	80	47	33	68	79	50	41	27	82	77	77	60	94	61	59	45	79	72	69	68	80
April ...	50	72	43	29	57	75	45	39	28	69	77	77	61	94	73	73	56	91	81	82	76	84
May ..	44	62	38	28	48	63	42	38	27	62	83	82	72	94	83	83	71	94	84	82	83	88
June ...	54	70	46	40	60	70	52	48	38	71	81	80	71	93	83	80	75	94	89	89	86	93
July ...	63	74	58	51	69	78	70	64	57	82	83	83	75	92	88	87	83	94	92	93	90	94
August ...	64	77	58	52	72	81	71	68	59	87	80	81	68	92	81	80	72	91	89	89	86	93
September ...	63	79	64	45	69	84	62	57	43	86	86	87	76	94	89	88	84	94	91	91	90	93
October ...	64	81	56	47	73	87	61	52	44	86	82	82	68	95	78	77	65	91	81	78	82	84
November ...	59	80	51	39	66	82	56	46	34	87	84	88	66	97	75	74	61	89	77	72	77	82
December ...	74	84	68	57	81	89	64	59	44	89	84	94	70	97	80	84	62	93	82	79	80	86
Year ...	62	79	56	44	70	81	59	53	41	82	82	84	67	95	78	77	65	90	83	81	81	88

Month.	31. Purneah.				32. Durbhanga.				33. Patna.				34. Gya.				35. Hazaribagh.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	?	74	57	?	77	74	62	96	74	72	61	89	67	65	54	83	65	59	49	86
February ...	?	58	46	?	70	63	51	96	67	65	50	85	58	48	43	84	53	47	37	74
March ...	56	51	35	82	59	52	40	84	52	45	33	78	49	37	35	74	41	35	28	61
April ...	60	55	40	86	55	51	38	76	44	38	27	66	51	44	39	71	40	34	24	62
May ...	69	64	53	91	66	63	49	85	56	50	41	76	66	63	57	77	45	37	33	66
June ...	77	73	66	92	71	70	56	86	64	61	48	82	67	65	54	82	61	55	49	78
July ...	86	83	81	93	80	79	71	89	76	74	66	88	76	75	68	84	75	71	66	88
August ...	82	78	74	94	81	79	73	92	78	74	69	92	80	80	70	89	81	75	76	92
September ...	83	80	75	94	82	80	72	93	72	67	60	88	70	67	60	84	71	65	60	89
October ...	74	69	60	92	74	72	60	91	66	59	52	88	65	60	52	84	60	52	48	79
November ...	69	62	51	93	71	69	52	93	60	51	43	87	54	50	34	79	49	40	36	72
December ...	72	70	55	92	78	78	62	93	69	67	57	84	60	53	44	83	54	47	39	75
Year ...	?	68	58	?	72	69	57	90	65	60	51	85	64	59	51	81	58	51	45	77

Month.	36. Berhampore.				37. Burdwan.				38. Jessore.				39. Dacca.				40. Silchar.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	70	70	53	86	71	65	53	94	72	66	61	89	72	69	54	92	75	77	54	93
February ...	62	60	43	84	67	60	49	93	70	63	58	89	63	56	45	87	72	72	51	94
March ...	58	52	36	86	60	58	41	81	68	66	50	89	67	64	48	88	73	73	55	92
April ...	57	52	41	79	61	57	43	82	71	69	57	87	77	73	66	91	75	72	60	92
May ...	60	56	44	81	65	62	48	86	78	75	68	90	77	72	69	90	79	77	69	92
June ...	78	74	69	90	78	76	68	90	83	80	76	93	85	83	79	94	81	78	71	93
July ...	84	82	78	91	84	82	79	92	87	84	85	93	87	85	82	93	86	84	81	94
August ...	84	80	78	93	86	83	80	94	86	83	81	95	86	84	80	94	81	82	70	91
September ...	82	80	74	92	83	79	76	94	85	80	80	94	85	82	80	94	86	86	78	94
October ...	74	69	62	90	77	72	67	93	78	71	69	93	77	73	65	94	80	80	68	93
November ...	70	64	53	92	71	62	56	94	78	70	70	94	72	67	56	93	75	73	61	91
December ...	69	66	54	88	67	60	54	87	68	60	55	90	70	67	52	92	78	79	60	94
Year ...	71	67	57	88	73	68	60	90	77	72	67	91	77	73	65	92	78	78	65	93

41. CHITTAGONG. 42. CALCUTTA. 43. ALIPORE. 44. SAUGOR ISLAND.

MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January ...	71	69	51	93	74	86	71	55	82	87	...	...	...	..	...	...	78	90	73	61	87	93
February ...	73	70	59	89	70	86	63	52	80	74	...	...	...	...	...	...	75	89	67	62	83	89
March ...	70	64	57	90	71	86	66	51	78	83	...	...	...	...	...	...	79	87	73	71	85	89
April ...	73	72	67	81	...	...	67	54	...	...	75	92	66	50	80	92	81	86	76	76	86	89
May ...	75	71	68	85	...	...	68	58	...	...	77	89	63	54	83	88	81	87	77	76	84	87
June ...	81	79	77	88	...	...	78	71	...	...	86	93	77	71	88	92	83	87	81	79	86	85
July ...	86	83	84	92	...	...	84	79	...	...	89	93	83	80	91	94	87	90	85	84	88	89
August ...	89	84	87	96	...	...	85	81	...	...	91	94	84	81	91	96	86	90	84	82	89	91
September ...	85	82	80	94	...	...	80	77	...	...	88	94	79	77	90	96	83	89	81	77	86	89
October ...	79	74	69	95	...	...	72	66	...	...	82	93	70	65	88	95	79	87	74	70	84	87
November ...	79	73	66	97	...	...	66	55	...	...	76	95	65	52	88	97	76	87	71	61	84	85
December ...	74	72	59	90	...	...	63	51	...	...	70	86	61	46	82	92	75	88	70	58	84	88
Year ...	78	74	69	91	...	...	72	63	...	...	...	...	...	...	...	...	80	88	76	71	85	88

45. CUTTACK. 46. FALSE POINT. 47. SAMBALPUR. 48. RAIPUR. 49. NAGPUR.

MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	66	59	45	95	78	89	74	69	79	...	70	52	64	95	66	64	51	83	62	61	44	80
February ...	71	65	53	94	81	91	74	73	85	...	71	55	66	91	60	55	46	78	51	45	33	74
March ...	60	53	33	93	82	88	77	77	84	...	62	42	58	85	47	40	31	70	42	38	23	66
April ...	62	54	41	92	82	89	77	78	85	...	60	48	50	82	60	57	43	79	46	42	26	70
May ...	65	57	47	92	83	86	80	81	85	...	53	46	39	74	55	48	39	77	41	37	27	60
June ...	74	68	61	93	85	88	83	83	85	...	64	60	52	80	61	56	47	80	55	52	40	74
July ...	77	72	66	94	87	90	85	84	88	...	79	77	70	91	78	74	68	91	73	67	65	87
August ...	79	73	71	93	87	91	85	84	89	...	85	84	79	93	86	84	79	95	77	74	68	88
September ...	77	71	67	94	85	90	81	82	87	...	78	76	67	92	79	76	67	95	72	66	59	91
October ...	72	62	60	95	82	91	78	75	82	...	74	70	59	93	76	70	64	93	69	63	53	90
November ...	66	57	47	95	...	...	64	57	...	...	70	66	48	96	62	53	43	89	55	49	34	81
December ...	64	54	44	94	...	...	63	59	...	...	74	70	56	95	68	92	62	51	64	62	52	79
Year ...	69	62	53	94	...	...	77	75	...	...	70	62	57	89	67	64	53	82	59	55	44	78

Month.	50. Seoni.				51. Jubbulpore.				52. Saugor.				53. Pachmarhi.				54. Hoshangabad.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	61	55	47	81	69	69	51	88	44	42	32	59	65	57	59	80	60	61	45	74
February ...	52	44	38	74	62	56	46	85	37	32	19	60	56	48	46	73	46	43	34	62
March ...	43	37	31	60	51	44	36	74	34	29	22	51	44	37	32	62	39	37	25	56
April ...	53	47	40	71	51	46	37	71	32	28	19	49	41	38	30	54	33	31	21	47
May ...	47	41	37	64	45	42	34	59	22	21	14	30	41	40	28	54	33	30	20	50
June ...	57	53	49	70	59	58	47	71	36	41	32	35	57	58	45	68	52	49	40	66
July ...	74	69	66	86	76	75	68	86	57	70	56	45	82	85	75	87	71	70	58	84
August ...	78	75	72	87	80	78	74	89	?	71	54	?	84	87	81	85	77	77	67	88
September ...	77	68	64	88	75	72	63	91	?	59	41	?	75	72	68	84	70	67	54	88
October ...	72	68	62	85	72	71	59	87	51	48	32	73	65	58	56	81	64	60	51	81
November ...	57	51	44	75	65	63	49	83	36	29	19	59	54	42	41	79	54	49	37	75
December ...	73	70	65	84	70	65	58	87	50	49	34	67	73	70	65	84	72	68	67	81
Year ...	62	57	51	77	65	62	52	81	?	43	31	?	61	58	52	74	56	54	43	71

Month.	55. Khandwa.				56. Chicalda.				57. Buldana.				58. Akola.				59. Amraoti.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	53	54	41	64	61	62	55	65	53	49	41	69	53	50	40	69	55	52	40	74
February ...	42	39	31	57	50	49	41	60	47	43	36	63	48	44	35	64	50	44	31	75
March ...	27	27	15	39	38	37	29	48	37	37	28	46	35	32	22	52	38	32	17	65
April ...	24	25	19	29	50	46	40	63	35	33	24	47	31	27	19	46	38	29	18	68
May ...	30	32	17	40	40	34	29	56	40	42	26	53	29	30	17	41	37	27	17	66
June ...	51	57	35	62	62	63	49	75	59	58	46	74	52	51	34	72	60	56	40	83
July ...	65	66	53	75	86	87	77	95	70	69	58	84	65	62	51	82	68	65	52	86
August ...	?	72	60	?	89	92	83	93	74	74	62	85	66	65	51	81	71	67	57	88
September ...	65	61	48	86	80	75	77	87	70	70	59	81	64	61	46	84	64	59	45	89
October ...	55	49	36	81	66	69	69	60	64	61	54	78	62	56	41	88	60	53	47	79
November ...	47	36	27	77	55	64	62	40	46	41	36	62	47	41	27	73	46	41	32	65
December ...	62	56	42	88	66	72	67	60	62	58	50	78	65	62	47	85	66	63	52	82
Year ...	?	48	35	?	62	63	57	67	55	53	43	68	51	48	36	70	54	49	37	77

	60. Chanda.				61. Sironcha.				62. Jacobabad.				63. Bikanir.				64. Hyderabad.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	60	58	41	81	67	68	45	87	...	...	...	...	...	...	...	..	...	...	...	...
February ..	55	52	40	73	63	64	42	84	...	...	...	...	...	...	...	...	...	...	...	...
March ...	51	47	34	71	54	54	31	76	58	51	46	77	...	...	...	...	...	.	...	...
April ...	54	52	37	72	53	52	35	73	66	61	54	83	...	...	...	...	...	...	...	...
May ...	42	40	31	54	50	47	34	70	59	58	45	75	...	...	...	...	...	...	...	...
June ...	56	57	43	68	62	62	44	80	?	59	?	75	...	...	...	...	?	60	?	86
July ...	71	69	63	81	66	65	59	75	54	54	35	72	...	...	...	...	61	54	47	81
August ...	77	75	70	85	74	69	64	90	52	52	32	72	...	...	...	..	63	55	47	86
September ...	79	76	68	92	76	73	61	93	58	53	45	75	73	71	68	79	72	67	58	90
October ...	78	75	68	91	80	75	68	94	56	50	52	66	59	59	54	63	...	53	...	79
November ...	62	59	38	90	70	65	55	89	64	57	58	76	60	60	46	73	68	64	57	83
December ...	71	70	54	88	76	76	59	92	60	55	51	73	56	57	40	70	61	56	50	76
Year ...	63	61	49	79	66	64	50	84	?	...	?	...	...	...	...	...	?	...	?	...

	65. Kurrachee.				66. Bhuj.				67. Rajkot.				68. Deesa.				69. Mount Abu.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	53	46	40	58	65	65	61	70	...	...	...	...	50	40	30	69	43	42	41	47
February ...	55	45	42	62	67	63	62	75	...	...	...	...	44	38	29	69	36	35	31	43
March ...	69	59	58	75	69	62	59	85	...	...	...	...	41	41	24	57	24	25	21	26
April ...	74	64	64	83	73	66	65	87	...	...	...	...	38	39	26	48	28	29	23	33
May ...	69	56	62	78	59	54	50	72	...	...	...	...	45	48	28	60	39	38	35	44
June ...	73	65	66	80	63	59	53	78	...	...	...	...	58	59	40	73	52	56	46	54
July ...	70	63	67	76	62	57	54	76	59	52	45	79	65	65	48	79	76	84	66	77
August ...	71	64	67	80	61	54	50	79	56	51	41	77	58	60	44	71	67	73	57	72
September ...	74	65	69	88	66	61	53	84	61	54	45	84	62	60	49	75	64	68	61	64
October ...	55	44	47	74	52	47	34	75	?	41	33	?	46	42	35	65	41	42	40	40
November ...	63	51	55	72	45	39	27	69	35	29	22	54	37	33	26	52	34	34	32	36
December ...	65	57	60	60	38	32	25	58	34	31	24	48	47	40	35	53	39	40	39	38
Year ...	66	57	58	74	60	55	49	76	?	...	...	?	49	47	35	64	45	47	41	48

	70. Neemuch.				71. Surat.				72. Malegaon.				73. Bombay.						74. Poona.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	...	...	..	...	...	...	...	...	...	...	..	...	71	78	68	62	77	77	53	58	43	57
February ...	...	...	...	...	..	...	...	.	...	...	...	...	68	76	62	61	73	73	48	51	39	53
March ...	34	31	22	48	...	...	...	...	..	...	...	...	74	83	67	66	79	78	40	38	30	42
April ..	?	50	?	51	49	44	32	71	...	...	...	...	77	87	70	67	84	84	40	38	29	40
May ...	39	39	31	48	58	50	49	76	...	...	...	...	74	82	68	67	79	80	51	47	36	57
June ...	44	43	29	59	69	65	61	81	71	65	64	84	82	87	79	76	84	84	75	74	66	79
July ...	48	43	35	66	73	69	65	84	71	66	64	82	84	87	82	79	86	85	74	72	68	80
August ...	42	34	29	63	69	64	61	81	68	63	58	84	84	88	83	79	86	85	75	73	69	83
September ...	44	36	38	57	69	66	56	85	70	61	65	84	85	91	84	77	87	87	75	74	67	82
October ..	37	27	26	58	65	57	53	84	59	55	44	78	82	89	81	73	84	85	76	78	67	83
November ...	33	22	23	56	48	41	34	70	42	38	31	57	71	81	66	61	78	78	55	57	44	64
December ...	37	24	25	61	53	46	39	73	55	52	45	69	73	80	69	67	76	77	62	65	50	70
Year ...	?	...	?	...	...	...	...	...	...	...	...	...	77	84	73	70	81	81	60	60	51	66

	75. Sholapur.				76. Ratnagiri.				77. Belgaum.				78. Vizagapatam.						79. Secunderabad.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours	22 hours.	From Minima.
January ...	41	47	34	43	61	50	59	74	58	56	41	73	69	74	65	65	72	52	53	55	35	50	...
February ...	45	43	26	65	63	54	57	78	55	49	42	77	72	76	69	68	75	55	48	54	33	43	...
March ...	33	29	20	50	74	68	71	82	43	30	34	54	69	74	62	65	72	54	40	37	27	39	...
April ...	31	26	20	48	74	70	70	83	49	34	42	63	69	74	67	65	69	57	41	36	25	40	...
May ...	29	27	18	44	75	69	72	84	57	44	46	79	71	75	66	69	73	59	37	33	23	35	...
June ...	41	47	36	41	81	79	78	87	79	77	75	87	67	71	64	63	70	58	52	47	38	53	...
July ...	48	45	38	61	83	81	80	87	83	80	79	90	67	71	65	63	69	56	57	52	39	67	77
August ...	46	43	37	57	84	82	83	87	85	84	82	90	68	73	65	63	71	52	60	56	43	66	80
September...	55	54	50	60	86	84	85	88	86	82	82	90	74	78	73	71	76	56	73	66	59	80	93
October ...	57	51	48	72	81	77	78	87	86	83	82	89	71	75	69	65	73	56	75	68	61	78	96
November...	49	40	34	73	65	52	63	79	61	61	48	76	66	72	59	61	70	53	58	51	44	56	89
December...	58	53	44	77	65	54	63	78	63	63	50	81	66	70	62	63	69	50	66	64	49	62	93
Year ...	44	42	34	58	74	68	72	83	67	62	59	79	69	74	66	65	72	55	55	52	40	56	...

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1877.

Month.	80. Masulipatam.					81. Bellary.					82. Bangalore.					83. Madras.					84. Salem.				
	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January ...	73	62	65	78	88	40	42	24	40	62	63	61	43	68	87	68	57	59	73	85	58	53	38	65	80
February ...	73	63	66	80	82	37	37	24	34	57	56	53	37	58	83	66	54	58	71	83	50	48	30	53	75
March ...	70	58	59	79	87	26	26	17	28	38	57	51	40	61	83	68	54	60	75	85	46	44	29	49	72
April ...	69	56	61	79	84	31	30	18	31	47	52	54	35	50	73	68	55	62	74	83	51	50	30	58	72
May ...	64	51	53	76	79	35	35	23	36	50	60	56	41	65	79	70	57	64	79	81	57	56	38	63	76
June ...	61	53	50	72	71	56	52	43	62	70	73	67	56	82	89	62	49	54	74	71	67	61	51	74	84
July ...	56	46	44	70	69	53	49	36	59	70	69	63	51	76	87	59	43	54	73	68	61	56	43	68	82
August ...	62	54	47	75	76	55	49	41	62	72	73	68	57	81	89	62	47	54	74	74	67	61	51	74	85
September ...	78	71	71	85	87	68	67	54	73	83	82	76	69	89	93	72	62	66	80	83	75	71	58	80	92
October ...	83	79	76	87	90	80	72	70	84	93	82	76	68	88	94	77	67	69	83	90	84	75	71	88	97
November ...	77	69	68	82	89	72	65	54	78	93	77	69	62	88	90	81	74	74	86	91	79	70	66	81	94
December ...	76	68	67	80	89	68	62	48	70	91	72	66	55	83	86	76	69	70	80	87	81	73	71	86	91
Year ...	70	61	61	79	83	52	49	38	55	69	68	63	51	74	86	69	57	62	77	82	65	60	48	70	83

Month.	85. Coimbatore.					86. Trichinopoly.					87. Negapatam.					88. Madura.					89. Cochin.				
	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January ...	57	62	36	55	79	62	55	41	73	84	71	66	64	72	81	59	55	43	58	85	74	63	65	83	86
February ...	58	62	35	64	80	57	53	34	69	83	66	58	59	70	78	55	50	34	60	84	79	69	70	89	88
March ...	54	55	34	64	72	53	51	32	60	76	66	58	58	70	77	56	52	34	65	79	79	69	80	88	87
April ...	57	56	35	67	76	52	47	31	62	76	73	66	66	79	81	57	49	35	71	79	80	72	70	88	84
May ...	61	54	43	72	79	52	49	33	62	73	72	64	62	81	81	60	53	42	69	84	83	76	76	87	88
June ...	73	66	63	77	84	52	46	35	61	70	64	53	54	74	74	59	48	49	65	75	88	86	84	90	89
July ...	67	62	51	76	80	49	44	32	56	65	65	51	59	75	74	53	42	37	65	73	84	79	76	90	87
August ...	68	62	53	73	83	50	46	35	58	68	64	53	55	74	74	53	43	40	64	70	82	78	73	91	88
September ...	67	63	52	76	82	62	56	47	74	80	76	68	65	83	?	64	58	49	77	82	83	79	77	90	88
October ...	75	68	62	81	86	76	67	62	84	93	81	76	74	85	88	79	73	73	86	91	83	80	74	90	89
November ...	73	68	57	80	89	78	72	70	86	90	82	79	79	81	87	78	?	71	83	89	80	71	69	91	89
December ...	73	67	56	78	92	78	72	67	86	86	82	79	79	82	86	77	?	69	81	87	77	69	66	87	91
Year ...	65	62	48	72	82	60	55	43	69	79	72	64	65	77	?	63	?	48	70	82	81	74	73	89	88

CEYLON STATIONS.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
90. Colombo ...	79	71	76	84	95	84	80	79	77	76	77	74	79
91. Jaffna ...	81	74	74	82	87	82	75	82	81	90	88	88	82
92. Trincomalee ...	84	78	82	75	81	72	72	69	81	?	?	?	?
93. Batticaloa ...	78	83	81	80	77	74	74	76	80	80	84	86	79
94. Hambantota ...	83	82	82	83	89	89	85	89	87	87	87	86	86
95. Galle ...	81	79	82	83	86	88	89	90	91	89	89	88	86
96. Kandy ...	65	70	76	79	78	88	78	77	77	79	79	81	77
97. Newera Eliya ...	76	71	75	77	80	90	86	87	85	86	88	87	82

	98. AKYAB.				99. THYETMIO.				100. TOUNGHOO.				101. BASSEIN.				102. RANGOON.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	73	66	57	95	...	...	...	...	...	...	...	...	67	58	47	95	72	67	53	95
February ...	69	58	57	92	...	...	...	...	...	...	...	...	64	56	42	94	64	62	42	87
March ...	73	60	63	95	...	...	...	...	...	...	...	...	62	53	41	93	64	60	42	89
April ...	72	59	65	92	...	...	...	...	...	...	...	...	61	48	43	91	64	56	51	86
May ...	73	62	67	91	...	...	...	...	...	...	...	...	68	59	55	90	70	64	58	88
June ...	89	85	83	95	...	...	...	...	...	...	...	...	88	83	85	95	88	89	87	87
July ...	89	90	89	97	...	...	...	...	...	...	...	...	89	87	85	95	?	90	91	?
August ...	92	90	87	98	...	...	..	...	...	...	...	...	88	86	85	94	92	90	91	95
September ...	86	84	80	95	...	...	...	...	...	...	...	...	85	82	80	94	89	88	86	94
October ...	82	77	73	95	...	..	...	...	...	...	...	...	85	80	80	95	88	87	82	95
November ...	84	79	76	97	80	75	70	96	86	85	78	95	80	73	72	95	85	82	78	95
December ...	77	69	67	96	75	68	61	97	86	84	79	96	75	70	60	96	77	73	60	99
Year ...	80	73	72	95	...	...	...	...	...	...	...	...	76	70	65	94	?	76	68	?

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1877.

Month.	103. Moulmein.				104. Mergui.				105. Port Blair.				106. Nancowry.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January ...	?	63	48	?	...	...	...	...	79	71	68	99	71	67	69	77
February ...	?	64	48	?	...	...	...	..	82	77	71	99	74	69	71	81
March ...	?	64	49	?	...	...	...	...	81	76	69	99	74	69	70	83
April ...	65	58	49	89	...	...	...	...	79	71	67	99	68	65	65	73
May ...	70	64	61	85	...	...	...	...	84	77	74	100	74	71	69	83
June ...	88	86	84	95	...	...	...	...	88	83	82	99	81	79	77	88
July ...	90	89	86	96	...	...	...	...	86	80	78	99	80	76	77	85
August ...	92	91	89	95	...	...	...	...	87	80	81	99	82	79	80	87
September ...	86	80	81	96	90	86	87	97	89	84	83	99	84	80	78	93
October ...	84	78	78	96	87	82	83	97	88	83	82	99	84	80	81	91
November ...	82	75	74	96	82	76	72	97	86	81	77	99	81	76	76	91
December ...	77	77	60	95	77	69	68	94	86	80	78	99	82	80	79	88
Year ...	?	74	67	?	...	...	...	...	85	79	76	99	78	74	74	85

TABLE XI.—MEAN PROPORTION OF CLOUDED SKY IN 1877 (104 STATIONS).

1. LEH. 2. PESHAWAR. 3. MURREE. 4. RAWALPINDI. 5. SIALKOT. 6. LAHORE.

MONTH.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.
January ...	8·00	7·78	8·22	5·05	5·45	4·64	7·82	7·90	7·74	6·18	6·61	5·74	6·29	6·09	6·48	4·92	4·65	5·13	5·67	4·23
February ...	5·14	4·43	5·86	4·10	3·50	4·71	5·37	5·03	5·71	4·41	4·29	4·53	4·07	3·82	4·32	6·94	7·25	7·03	5·96	7·50
March ...	6·66	5·64	7·68	3·19	2·77	3·61	6·42	5·39	7·45	3·93	3·64	4·22	4·34	4·39	4·29	6·61	7·48	6·09	5·61	7·26
April ...	7·60	6·60	8·60	5·08	4·50	5·66	7·33	6·33	8·33	5·23	4·26	6·20	4·72	4·46	4·97	3·82	3·90	3·67	4·40	3·33
May ...	6·84	5·81	7·87	2·77	1·32	4·22	4·79	4·51	5·06	3·37	3·35	3·39	3·39	3·39	3·39	2·63	2·84	2·77	3·16	1·74
June ...	6·90	6·16	7·63	2·05	0·36	3·73	3·47	2·47	4·46	1·92	1·60	2·23	1·92	2·23	1·60	6·66	6·30	7·16	6·40	6·76
July ...	4·73	4·82	5·13	1·09	0·55	1·64	3·68	3·29	4·06	2·16	1·71	2·61	2·71	2·45	2·97	2·99	2·58	2·87	3·97	2·55
August ...	3·63	3·00	4·26	2·25	0·93	3·58	2·59	2·26	2·93	2·11	1·61	2·61	2·06	1·52	2·61	1·95	1·84	1·61	2·97	1·39
September ...	4·38	3·83	4·93	2·45	1·56	3·33	3·06	3·03	3·10	2·55	2·27	2·83	2·03	1·63	2·43	1·41	1·27	1·20	2·07	1·10
October ...	6·13	5·19	7·06	2·71	3·22	2·19	5·39	5·61	5·16	4·03	4·39	3·68	3·19	3·32	3·06	2·22	1·97	2·87	2·45	1·61
November ...	6·98	6·70	7·27	4·90	4·50	5·30	6·97	6·76	7·17	5·33	5·20	5·47	4·78	4·30	5·26	3·69	2·80	4·43	4·67	2·87
December ...	7·98	7·90	8·06	6·58	6·52	6·64	8·19	8·10	8·29	6·89	6·58	7·19	6·32	6·06	6·58	4·88	4·23	5·13	6·03	4·13
Year ...	6·25	5·61	6·88	3·52	2·93	4·10	5·42	5·06	5·79	4·01	3·79	4·23	3·82	3·64	4·00	4·06	3·93	4·16	4·45	3·71

7. LUDHIANA. 8. DELHI. 9. SIRSA. 10. DERA ISMAIL KHAN 11. MOOLTAN

MONTH.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	5·93	5·58	6·29	4·89	4·42	5·36	3·80	3·71	3·90	5·08	4·77	5·39	4·06	4·13	4·00
February ...	3·61	3·36	3·86	2·96	3·03	2·89	3·32	3·18	3·46	3·11	2·93	3·29	2·39	2·57	2·21
March ...	5·03	4·84	5·22	4·08	3·32	4·84	4·69	4·19	5·19	2·98	2·81	3·16	3·90	3·37	4·44
April ...	4·45	4·27	4·63	4·08	2·83	5·33	4·87	3·57	6·17	4·65	3·60	5·70	3·96	3·60	4·33
May ...	2·76	2·48	3·03	2·24	2·16	2·32	3·56	2·16	4·97	2·14	1·39	2·90	1·68	1·26	2·09
June ...	2·90	2·63	3·17	3·07	2·73	3·40	3·35	2·37	4·33	3·30	1·80	4·80	0·32	0·30	0·33
July ...	4·22	4·16	4·29	3·19	2·29	4·10	2·55	2·16	2·93	1·48	1·35	1·61	0·40	0·52	0·29
August ...	2·45	2·32	2·58	2·29	1·77	2·81	2·68	1·84	3·52	0·42	0·19	0·64	0·26	0·32	0·19
September ...	1·63	1·40	1·86	1·60	0·83	2·37	1·63	1·23	2·03	1·36	1·13	1·60	1·05	1·33	0·76
October ...	2·90	2·87	2·93	2·32	2·16	2·48	2·40	1·39	3·42	1·55	1·26	1·84	0·16	0·32	0·00
November ...	4·12	4·20	4·03	2·25	1·73	2·76	3·65	3·23	4·07	3·71	3·30	4·13	1·67	1·83	1·50
December ...	5·74	5·42	6·06	3·56	3·39	3·74	5·21	4·68	5·74	4·22	4·84	4·80	3·56	4·81	2·32
Year ...	3·81	3·63	4·00	3·04	2·56	3·53	3·48	2·81	4·14	2·88	2·45	3·32	1·95	2·03	1·87

	12. Ajmere.			13. Chakrata.			14. Dehra.			15. Roorkee.			16. Ranikhet.			17. Meerut.		
Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	5·84	5·78	5·90	5·30	4·94	5·65	4·55	3·97	5·13	5·07	4·94	5·19	5·49	5·13	5·84	4·28	3·87	4·68
February ...	2·69	2·96	2·41	3·09	3·07	3·11	3·52	3·11	3·93	3·30	3·21	3·39	3·54	3·21	3·86	2·91	3·07	2·75
March ...	4·29	3·61	4·97	5·78	4·84	6·71	5·84	5·50	6·17	4·66	4·42	4·90	5·81	5·06	6·55	3·60	3·26	3·94
April ...	4·99	4·17	5·80	5·14	4·67	5·60	4·92	4·12	5·71	3·78	3·93	3·63	4·94	3·57	6·30	2·84	2·60	3·07
May ...	4·37	3·48	5·26	3·83	3·13	4·52	2·99	2·66	3·31	1·90	2·10	1·70	4·32	3·58	5·06	1·52	1·90	1·13
June ...	3·07	2·17	3·97	4·27	3·87	4·67	2·54	2·20	2·87	2·12	2·10	2·13	4·64	4·17	5·10	1·64	1·50	1·77
July ...	4·29	4·66	3·92	6·50	5·71	7·29	4·73	4·74	4·71	4·29	4·00	4·58	6·50	6·32	6·68	3·33	3·10	3·55
August ...	4·00	3·61	4·39	7·34	6·52	8·16	4·12	4·29	3·94	3·08	2·71	3·45	6·05	6·00	6·10	2·05	1·61	2·48
September ...	4·15	2·77	5·53	4·99	4·00	5·97	2·28	2·03	2·53	2·07	1·80	2·33	2·59	2·30	2·87	1·00	0·80	1·20
October ...	3·10	2·03	4·16	4·10	3·16	5·03	2·92	2·35	3·48	2·07	2·00	2·13	2·92	2·55	3·29	1·81	1·58	2·03
November ...	2·50	2·30	2·70	3·92	3·20	4·63	2·62	1·83	3·40	1·77	1·70	1·83	2·04	1·77	2·30	1·44	1·37	1·50
December ...	3·68	4·16	3·19	6·67	6·39	6·94	5·45	4·90	6·00	3·78	3·39	4·16	4·65	4·19	5·10	3·32	2·90	3·74
Year ...	3·91	3·47	4·35	5·08	4·46	5·69	3·87	3·48	4·26	3·16	3·03	3·29	4·46	3·99	4·92	2·48	2·30	2·65

	18. Bareilly.			19. Agra.			20. Lucknow.			21. Gorakhpur.			22. Jhansi.			23. Nowgong.		
Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	4·89	4·68	5·10	3·68	3·84	3·52	5·15	5·20	5·10	2·31	2·10	2·52	1·92	1·68	2·16	...	...	...
February ...	3·15	3·04	3·25	2·16	2·10	2·21	2·84	3·00	2·68	2·04	1·96	2·11	0·25	0·36	0·14	...	...	...
March ...	4·52	4·52	4·52	2·87	2·74	3·00	4·79	4·48	5·10	2·21	2·16	2·26	0·33	0·13	0·52	...	...	...
April ...	3·34	2·47	4·20	2·57	2·07	3·07	3·79	3·90	3·67	1·39	1·47	1·30	?	?	?	...	...	...
May ...	2·05	1·58	2·52	1·60	0·50	2·70	2·75	2·50	3·00	2·03	2·16	1·90	0·26	0·65	0·46	...	...	...
June ...	2·89	3·00	2·77	2·66	2·38	2·93	3·25	3·57	2·93	2·70	2·33	3·07	0·70	0·60	0·80	3·91	2·85	4·96
July ...	4·36	4·32	4·39	3·79	2·81	4·77	6·55	6·16	6·94	4·47	4·80	4·13	1·29	0·84	1·74	6·13	5·52	6·74
August ...	3·57	3·61	3·52	2·17	1·65	2·68	5·71	4·90	6·52	4·03	4·16	3·90	1·03	0·45	1·61	6·19	5·10	7·29
September ...	1·20	1·20	1·20	2·30	1·57	3·03	3·59	2·60	4·57	2·85	2·40	3·30	0·87	0·87	0·87	3·92	3·23	4·60
October ...	1·90	2·03	1·77	1·76	2·06	1·45	3·16	3·48	2·84	3·11	3·06	3·16	0·52	0·45	0·58	3·16	3·26	3·06
November ...	1·69	1·07	1·70	0·75	0·80	0·70	1·41	1·40	1·42	0·85	0·60	1·10	0·20	0·07	0·33	1·17	1·12	1·23
December ...	3·71	4·10	3·32	2·55	2·45	2·65	4·00	4·19	3·81	3·54	3·39	3·68	1·23	1·35	1·10	4·26	4·23	4·29
Year ...	3·11	3·02	3·19	2·41	2·08	2·73	3·92	3·78	4·05	2·63	2·55	2·70	?	?	?	...	...	...

	24. Sutna.			25. Allahabad.					26. Benares.			27 Sibsagar.			28. Goalpara.			29. Darjeeling.		
Month.	Mean.	10 hours.	16 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	4·41	3·97	4·84	3·98	3·65	4·10	5·06	3·10	4·65	4·55	4·74	5·65	5·58	5·71	2·06	2·23	1·90	4·56	3·87	5·26
February ...	2·49	2·61	2·36	2·23	2·29	2·46	2·18	2·00	3·15	3·11	3·18	5·11	5·14	5·07	2·09	2·71	1·46	6·48	5·32	7·64
March ...	4·27	3·77	4·77	3·53	2·29	3·42	5·23	3·16	4·47	4·52	4·42	8·21	8·10	8·32	2·52	2·87	2·16	5·24	3·71	6·77
April ...	4·67	3·13	6·20	3·25	3·07	3·57	3·57	2·80	3·67	3·53	3·80	8·25	8·87	7·63	3·08	3·13	3·03	7·28	7·23	7·33
May ...	4·79	3·48	6·10	3·53	4·16	3·26	3·42	3·26	3·73	4·10	3·35	9·16	9·45	8·87	4·74	5·93	3·55	8·08	7·61	8·55
June ...	5·57	4·00	7·13	4·92	5·30	5·67	6·27	2·43	3·82	2·70	4·93	9·28	9·56	9·00	6·35	6·23	6·47	8·80	8·87	8·73
July ...	6·34	5·90	6·77	6·33	5·39	7·39	6·84	5·68	7·42	7·42	7·42	9·82	10·00	9·64	7·92	7·61	8·23	9·50	9·49	9·52
August ...	6·15	5·71	6·58	5·24	5·06	4·52	6·00	5·39	6·86	6·55	7·16	8·06	8·81	7·32	5·40	5·68	5·13	8·18	8·16	8·19
September ...	4·03	3·63	4·43	2·42	1·93	3·20	2·97	1·57	4·20	3·93	4·47	9·48	9·70	9·26	7·40	8·30	6·50	8·88	8·90	8·87
October ...	3·95	3·48	4·42	2·71	2·10	3·16	3·55	2·03	4·17	4·00	4·33	8·23	8·42	8·03	3·63	4·19	3·06	5·58	4·48	6·68
November ...	1·25	1·03	1·47	0·60	0·33	0·77	1·10	0·40	1·29	1·27	1·30	6·37	6·97	5·77	1·55	1·40	1·70	3·88	3·00	4·77
December ...	4·29	4·03	4·55	2·95	1·97	3·35	4·35	2·13	4·45	4·06	4·84	7·18	8·03	6·32	3·44	3·90	2·97	5·48	4·29	6·68
Year ...	4·35	3·73	4·97	3·47	3·13	3·74	4·21	2·83	4·32	4·15	4·49	7·90	8·22	7·58	4·18	4·52	3·85	6·83	62·4	7·42

	30. Purneah.			31. Durbhanga.			32. Patna.			33. Gya.			34. Hazaribagh.			35. Berhampore.		
Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	2·58	2·55	2·61	3·82	3·55	4·10	5·74	5·64	5·84	3·34	3·42	3·26	4·85	4·42	5·29	3·76	3·87	3·65
February ...	1·13	1·43	0·82	2·69	2·64	2·73	3·20	2·96	3·43	2·61	2·79	2·43	2·71	2·71	2·71	3·04	3·39	2·68
March ...	2·35	2·17	2·53	4·40	4·23	4·58	5·18	5·65	4·71	2·42	2·48	2·35	4·45	3·87	5·03	4·05	3·71	4·39
April ...	2·60	2·93	2·27	3·77	3·92	3·62	4·68	4·67	4·70	0·98	0·90	1·07	5·52	4·53	6·50	4·80	4·10	5·50
May ...	3·16	3·10	3·23	3·80	3·79	3·82	4·81	4·42	5·19	3·79	3·77	3·81	4·73	4·55	4·90	4·06	2·81	5·32
June ...	4·18	4·37	4·00	4·90	4·80	5·00	5·95	6·13	5·77	5·93	5·97	5·90	7·07	6·40	7·73	7·07	6·13	8·00
July ...	7·35	8·03	6·68	5·19	5·23	8·16	8·95	8·90	9·00	8·10	7·52	8·68	9·50	9·61	9·39	9·06	9·16	8·97
August ...	5·03	5·34	4·72	6·66	6·61	6·71	8·35	8·39	8·32	8·45	8·23	8·68	9·23	9·32	9·13	8·45	8·68	8·23
September ...	4·20	4·70	3·70	6·52	7·30	5·73	6·25	5·77	6·73	5·13	4·47	5·80	5·78	5·30	6·27	7·05	6·87	7·23
October ...	2·58	2·26	2·90	4·13	4·16	4·10	5·08	4·55	5·61	5·32	4·23	6·42	5·31	4·60	6·03	5·73	5·71	5·74
November ...	0·18	0·17	0·20	0·75	0·50	1·00	1·57	1·30	1·83	1·75	1·23	2·27	1·48	1·23	1·73	2·65	2·00	3·30
December ...	2·31	2·55	2·06	3·32	3·06	3·58	5·45	5·32	5·58	5·00	4·29	5·71	5·14	5·19	5·10	3·27	2·68	3·87
Year ...	3·14	3·30	2·98	4·41	4·40	4·43	5·43	5·31	5·56	4·40	4·11	4·70	5·48	5·14	5·82	5·25	4·93	5·57

	36. Burdwan.			37. Jessore.			38. Dacca.			39. Silchar.			40. Chittagong.			41. Demagree.		
Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	3·16	2·71	3·61	3·03	2·81	3·26	2·89	2·71	3·06	4·11	4·35	3·87	2·05	1·84	2·26	...	...	...
February ...	2·71	2·55	2·86	2·61	2·50	2·71	2·51	2·61	2·41	3·34	3·21	3·46	2·86	2·96	2·75	...	...	...
March ...	3·60	3·21	3·98	3·92	3·52	4·32	4·78	4·42	5·03	5·68	5·90	5·45	2·74	3·39	2·10	...	...	...
April ...	4·19	3·38	5·00	4·23	3·03	5·43	4·91	3·76	6·07	6·95	6·23	7·67	4·34	4·60	4·07	4·45	3·83	5·07
May ...	3·59	2·87	4·31	4·06	3·39	4·74	4·98	4·74	5·23	6·52	6·19	6·84	4·90	5·55	4·26	3·65	2·84	4·45
June ...	6·13	5·48	6·77	7·43	7·50	7·37	6·93	7·30	6·57	8·18	8·50	7·87	8·18	8·47	7·90	4·00	3·73	4·27
July ...	8·67	8·74	8·60	8·26	8·36	8·16	9·23	9·39	9·06	9·21	9·32	9·10	8·32	8·52	8·13	6·48	6·00	6·97
August ...	7·77	7·50	8·03	8·03	7·87	8·19	7·65	8·42	6·87	7·52	7·94	7·10	7·66	8·06	7·26	4·94	4·45	5·42
September ...	6·15	5·73	6·57	7·03	6·93	7·13	7·53	7·60	7·47	7·22	7·70	6·73	7·65	7·53	7·77	3·43	3·07	3·80
October ...	3·85	3·71	4·00	3·85	4·06	3·65	4·35	4·16	4·55	2·10	2·39	1·81	4·25	4·30	4·20	0·90	0·58	1·23
November ...	1·90	1·53	2·27	2·63	2·73	2·53	2·83	2·53	3·13	2·97	2·93	3·00	3·42	3·67	3·17	0·47	0·53	0·40
December ...	3·08	2·87	3·29	2·31	1·84	2·77	2·42	1·90	2·94	4·18	4·52	3·84	1·76	1·61	1·90	...	...	...
Year ...	4·57	4·19	4·94	4·78	4·55	5·02	5·08	4·96	5·20	5·67	5·77	5·56	4·84	5·04	4·65	...	...	...

	42. Alipore.					43. Saugor Island.					44. Cuttack.			45. False Point.				
Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.
January ...	...	...	...	...	...	2·78	1·90	3·39	3·65	2·19	3·02	2·48	3·55	3·20	3·06	3·74	3·53	2·48
February ...	...	...	...	...	...	3·18	3·32	3·00	3·79	2·61	4·93	5·07	4·79	3·71	3·71	4·43	3·61	3·11
March ...	...	...	...	...	...	4·65	4·58	5·64	5·19	3·19	3·32	2·45	4·19	2·99	2·97	2·77	3·26	2·97
April ...	3·19	2·38	2·47	5·53	2·37	4·85	3·48	5·53	6·40	4·00	4·83	3·73	5·93	3·83	3·47	4·00	4·60	3·27
May ...	3·38	2·81	2·39	3·97	4·35	4·76	4·06	4·55	5·06	5·39	4·40	3·42	5·39	3·73	4·45	3·00	3·84	3·65
June ...	5·63	5·02	5·48	6·73	5·28	7·23	7·97	7·37	7·20	6·37	6·93	6·23	7·63	5·91	5·80	5·93	6·47	5·43
July ...	8·10	7·98	8·48	8·87	7·06	8·23	7·94	8·90	8·90	7·19	8·10	8·03	8·16	7·15	6·97	7·39	8·00	6·26
August ...	7·60	7·39	8·10	8·29	6·61	6·57	7·42	8·61	8·35	6·23	8·24	8·19	8·29	6·86	6·58	7·84	6·77	6·26
September ...	6·09	6·13	6·53	7·40	4·32	6·26	4·90	7·33	7·63	5·20	6·58	6·13	7·03	4·61	4·50	5·33	5·40	3·23
October ...	3·89	3·15	5·00	5·35	2·08	4·30	3·81	5·32	5·29	2·77	5·11	4·68	5·55	2·67	1·58	3·46	3·75	1·87
November ...	1·92	1·67	2·73	2·90	0·37	2·71	1·87	3·93	3·63	1·43	2·70	2·40	3·00	3·24	...	3·03	3·45	* ...
December ...	2·37	2·06	2·58	3·68	1·16	3·07	2·39	3·94	4·65	1·29	3·48	3·68	3·29	4·69	...	4·90	4·48	...
Year ...	...	...	...	...	...	4·97	4·47	5·63	5·81	3·99	5·14	4·71	5·57	4·38	...	4·65	4·76	...

Month.	46. Sambalpur.			47. Raipur.			48. Nagpur.			49. Seoni.			50. Jubbulpore.			51. Saugor.			52. Pachmarhi.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	2·52	3·10	1·94	2·84	3·26	2·42	4·98	4·87	5·10	4·44	4·45	4·42	5·05	5·10	5·00	1·86	1·61	2·11	5·34	4·81	5·87
February ...	2·50	2·54	2·46	2·39	2·25	2·54	4·37	3·57	5·18	1·91	2·07	1·75	2·82	2·96	2·68	1·23	1·07	1·39	2·98	2·93	3·04
March ...	2·81	2·35	3·26	1·19	0·81	1·58	4·26	2·81	5·71	1·71	1·45	1·97	3·77	3·32	4·23	1·90	1·77	2·03	3·79	3·42	4·16
April ...	5·15	4·97	5·33	3·43	3·37	3·50	4·60	2·30	6·90	2·03	1·13	2·93	5·00	3·43	6·57	2·57	2·23	2·90	4·52	3·33	5·70
May ...	5·08	4·90	5·26	3·63	3·87	3·39	4·90	2·87	6·93	1·68	1·26	2·10	4·77	2·87	6·68	2·03	1·84	2·23	4·08	2·93	5·23
June ...	7·03	6·63	7·43	4·97	5·10	4·83	6·26	4·50	8·03	2·18	1·87	2·50	5·68	3·63	7·73	3·00	2·70	3·30	5·58	4·93	6·23
July ...	7·08	6·90	7·26	6·68	6·35	7·00	8·44	8·65	8·24	2·16	1·90	2·42	7·33	6·93	7·74	4·71	4·58	4·84	8·13	8·45	7·81
August ...	8·55	8·65	8·45	7·27	7·29	7·26	8·02	7·65	8·39	2·45	2·29	2·61	7·35	7·19	7·52	3·71	3·87	3·55	8·05	8·55	7·55
September ...	6·32	6·33	6·30	3·63	3·36	3·90	6·60	5·40	7·80	1·77	1·33	2·20	4·13	3·50	4·76	4·07	3·40	4·73	6·03	5·73	6·33
October ...	4·77	4·61	4·94	4·52	4·10	4·94	6·63	6·00	7·26	1·97	1·77	2·16	3·81	3·68	3·94	2·90	2·29	3·52	5·31	5·32	5·29
November ...	2·00	1·77	2·23	1·40	1·20	1·60	2·20	2·00	2·40	1·50	1·47	1·53	0·23	0·20	0·27	0·30	0·30	0·30	1·37	1·27	1·47
December ...	4·08	4·10	4·06	4·24	3·52	4·97	6·53	6·10	6·97	3·42	3·16	3·68	4·32	4·26	4·39	2·14	2·08	2·19	5·97	5·32	6·61
Year ...	4·82	4·74	4·91	3·85	3·71	3·99	5·65	4·73	6·58	2·27	2·01	2·52	4·52	3·92	5·13	2·54	2·31	2·76	5·10	4·75	5·44

Month.	53. Hoshangabad.			54. Khandwa.			55. Chikalda.			56. Buldana.			57. Akola.			58. Amraoti.			59. Chanda.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	3·26	3·03	3·48	3·50	2·94	4·06	3·14	3·16	3·13	3·72	3·48	3·97	3·63	3·55	3·71	4·59	4·26	4·92	3·89	3·48	4·29
February ...	1·77	1·64	1·89	1·95	1·71	2·18	2·34	2·32	2·36	3·46	3·03	3·89	8·45	8·61	8·29	3·46	3·25	3·68	4·55	4·14	4·96
March ...	2·79	2·26	3·32	3·11	2·52	3·71	2·78	2·32	3·25	3·68	3·06	4·29	2·37	1·94	2·81	3·40	2·68	4·13	4·26	3·16	5·36
April ...	3·62	2·23	5·00	4·28	2·90	5·67	3·53	2·17	4·90	4·80	3·27	6·33	2·80	1·90	3·70	3·97	2·50	5·43	5·13	3·30	6·97
May ...	3·39	1·45	5·32	3·18	1·26	5·10	2·15	1·06	3·23	4·13	2·58	5·68	1·13	0·87	1·39	4·10	2·97	5·23	4·55	3·00	6·10
June ...	5·38	3·43	7·33	6·12	5·70	6·53	5·57	5·50	5·63	6·50	5·83	7·17	5·12	4·53	5·70	6·13	5·43	6·83	6·10	5·43	6·77
July ...	7·32	7·90	6·74	7·56	8·10	7·03	7·22	8·00	6·45	7·08	6·71	7·45	6·81	7·03	6·58	8·23	7·97	8·48	7·68	6·94	8·42
August ...	7·10	7·06	7·13	6·85	6·97	6·74	7·42	8·84	6·00	7·53	7·74	7·32	6·23	6·39	6·07	7·61	7·74	7·48	8·02	7·71	8·32
September ...	4·23	3·00	5·47	3·60	2·93	4·27	5·20	5·07	5·33	5·25	4·73	5·77	4·35	3·73	4·97	6·22	5·77	6·67	5·33	4·57	6·10
October ...	3·68	3·13	4·23	3·90	2·87	4·94	5·37	5·03	5·71	5·63	5·61	5·65	4·14	3·16	5·13	6·37	5·71	7·03	5·98	5·68	6·29
November ...	0·50	0·43	0·57	0·77	0·30	1·23	1·32	0·57	2·07	2·31	2·03	2·60	0·50	0·10	0·90	1·83	1·20	2·47	1·72	1·37	2·07
December ...	3·08	3·13	3·03	3·53	2·87	4·19	5·37	4·45	6·29	5·85	5·68	6·03	4·68	4·29	5·06	6·11	5·87	6·36	5·45	5·48	5·42
Year ...	3·84	3·22	4·46	4·03	3·42	4·64	4·28	4·04	4·53	4·99	4·48	5·51	4·18	3·84	4·53	5·17	4·61	5·73	5·22	4·52	5·92

60. Sironcha. 61. Jacobabad. 62. Bikanir. 63. Hydérabad. 64. Kurracher. 65. Bhuj. 66. Rajkot.

Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	2·65	2·68	2·61	...	...	...	...	...	...	...	...	...	5·28	5·32	5·23	2·07	2·00	2·13	...	...	...
February ...	3·59	4·04	3·14	2·41	2·89	1·93	...	...	...	...	...	...	1·97	2·39	1·54	0·78	0·86	0·70	...	...	...
March ...	3·06	3·06	3·06	3·24	3·06	3·42	...	...	...	...	...	...	3·94	4·35	3·52	1·52	1·42	1·61	...	...	...
April ...	3·18	2·86	3·50	4·77	4·57	4·97	...	...	...	...	...	...	4·41	4·37	4·45	1·60	1·43	1·77	...	...	...
May ...	2·29	2·39	2·19	1·10	0·71	1·48	...	...	...	...	...	...	3·12	3·10	3·13	0·97	0·65	1·29	...	...	...
June ...	3·38	3·13	3·63	1·13	0·83	1·42	...	...	...	1·77	1·77	1·77	4·80	4·97	4·63	3·16	3·23	3·09	...	...	...
July ...	7·56	7·26	7·87	0·78	0·68	0·87	...	...	...	2·44	2·55	2·32	7·57	7·65	7·48	4·60	4·61	4·58	...	...	...
August ...	6·76	7·03	6·48	0·52	0·45	0·58	...	...	...	0·97	1·13	0·81	4·92	4·94	4·90	2·57	2·61	2·52	...	...	...
September ...	6·07	5·77	6·37	1·04	1·30	0·77	...	...	...	2·43	2·53	2·33	4·47	4·90	4·03	2·72	2·87	2·57	...	...	...
October ...	6·92	6·58	7·26	0·84	0·71	0·97	...	...	...	1·15	1·00	1·29	0·81	0·61	1·00	1·21	1·19	1·23	...	...	...
November ...	1·80	2·03	1·57	3·80	3·67	3·93	...	...	...	2·94	3·27	2·60	2·45	2·43	2·46	0·87	0·77	0·97	2·37	1·63	3·10
December ...	4·11	4·13	4·10	3·99	4·23	3·74	3·79	4·18	3·39	2·19	2·06	2·32	2·71	2·52	2·90	0·75	0·52	0·97	3·15	2·81	3·48
Year ...	4·28	4·25	4·32	...	...	...	...	...	...	...	...	...	3·87	3·96	3·77	1·90	1·85	1·95	...	...	...

67. Deesa. 68. Mount Abu. 69. Neemuch. 70. Indore. 71. Surat. 72. Malegaon.

Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	4·84	4·35	5·32	5·08	5·06	5·10	...	...	...	...	...	...	...	...	...	...	...	...
February ...	0·82	0·75	0·89	1·98	1·64	2·32	...	...	...	...	...	...	...	...	...	...	...	...
March ...	3·12	2·81	3·42	4·10	3·68	4·52	3·70	3·07	4·33	...	...	...	...	...	...	...	...	...
April ...	2·80	2·27	3·33	4·10	2·93	5·27	3·29	1·67	4·90	0·63	0·13	1·13	2·74	2·07	3·41	...	...	...
May ...	2·62	2·29	2·94	3·26	2·45	4·06	2·50	1·29	3·71	...	...	...	2·18	2·90	1·45	...	...	...
June ...	3·47	3·63	3·30	3·89	3·50	4·27	4·18	2·93	5·43	5·17	4·20	5·93	6·04	7·20	4·89	5·62	4·47	6·77
July ...	6·73	7·39	6·06	7·52	8·77	6·26	6·33	7·39	5·26	6·18	6·93	5·43	6·60	7·90	5·29	6·49	6·68	6·29
August ...	5·79	6·81	4·77	5·95	6·90	5·00	4·92	4·77	5·06	6·52	6·87	6·16	5·50	6·71	4·29	7·48	7·46	7·50
September ...	4·57	4·93	4·20	6·15	5·67	6·63	4·50	3·50	5·50	4·09	4·20	3·97	4·44	5·27	3·60	6·35	5·73	6·97
October ...	1·96	1·39	2·52	3·18	4·16	2·19	2·94	2·58	3·29	3·03	3·97	3·50	3·03	3·00	3·06	4·79	4·58	5·00
November ...	1·33	1·13	1·53	1·60	1·50	1·70	1·20	1·07	1·33	1·00	0·53	1·47	1·08	1·13	1·03	2·06	1·36	2·75
December ...	1·78	1·29	2·26	2·82	2·77	2·87	3·11	3·35	2·87	4·29	4·45	4·13	2·45	2·16	2·74	4·50	4·35	4·65
Year ...	3·32	3·25	3·38	4·14	4·09	4·18	...	...	...	...	...	...	...	...	...	...	...	...

	73. Bombay.					74. Poona.			75. Sholapur.		76. Ratnagiri.			77. Belgaum.		
Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	1·37	1·71	1·84	1·55	0·39	3·20	2·68	3·71	5·12	3·65	6·58	1·24	1·71	0·77	1·92	1·84	2·00
February ...	1·40	1·61	1·54	1·64	0·82	2·81	1·82	3·79	4·54	2·86	6·21	1·41	1·46	1·36	2·09	1·36	2·82
March ...	2·19	3·16	2·58	1·71	1·29	3·97	3·77	4·16	5·05	2·94	7·16	1·17	1·39	0·94	2·04	1·13	2·94
April ...	2·38	3·07	2·37	2·43	1·67	4·12	3·47	4·77	4·55	2·90	6·20	0·50	0·53	0·47	2·50	1·17	3·83
May ...	2·90	3·94	3·26	1·71	2·68	4·23	3·16	5·29	5·42	3·61	7·23	1·94	1·97	1·90	3·29	2·84	3·74
June ...	5·84	6·90	5·87	5·70	4·00	8·35	8·20	8·50	7·54	7·20	7·87	5·63	6·23	5·03	7·20	7·03	7·37
July ...	6·13	6·68	6·52	6·39	4·94	9·05	8·84	9·26	6·02	6·03	6·00	6·52	6·45	6·58	7·66	7·42	7·90
August ...	5·88	6·29	6·23	6·36	4·65	8·79	8·58	9·00	7·00	6·58	7·42	6·97	6·94	7·00	8·42	8·32	8·52
September ...	5·53	6·60	5·73	5·70	4·07	8·80	8·90	8·70	8·35	7·70	9·00	6·32	5·60	7·03	8·10	7·53	8·67
October ...	4·68	5·35	4·71	4·94	3·71	8·62	8·52	8·71	7·79	7·52	8·06	6·33	6·39	6·26	8·27	8·19	8·35
November ...	0·91	1·07	0·97	1·20	0·40	2·72	2·40	3·03	3·21	3·22	3·19	0·28	0·53	0·03	3·00	2·80	3·20
December ...	3·78	4·13	4·45	4·00	2·55	6·65	6·74	6·55	6·21	5·68	6·74	2·84	2·58	3·10	4·44	4·13	4·74
Year ...	3·58	4·21	3·84	3·61	2·67	5·94	5·59	6·29	5·90	4·99	6·81	3·43	3·48	3·37	4·91	4·48	5·34

	78. Goa.					79. Vizagapatam.					80. Secunderabad.			81. Masulipatam.			82. Bellary.			83. Bangalore.		
Month.	Mean.	9 hours.	13 hours.	15 hours.	21 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.
January ...	1·37	1·50	1·90	1·90	0·20	2·76	2·33	3·19	2·61	2·92	2·63	3·22	2·27	3·36	3·60	3·12	2·35	2·84	1·86	3·16	4·15	2·17
February ...	2·27	3·00	2·40	2·40	1·30	4·39	4·64	4·77	3·79	4·37	2·41	2·29	2·55	4·26	4·68	3·84	2·11	1·96	2·26	3·02	3·21	2·82
March ...	3·10	5·00	3·00	2·80	1·60	2·06	2·19	1·69	2·37	1·98	2·36	2·55	2·17	3·61	3·90	3·32	2·76	2·08	3·44	3·74	3·71	3·77
April ...	2·25	3·10	2·70	2·20	1·00	3·03	2·75	2·60	4·15	2·60	2·15	2·77	1·43	3·71	3·90	3·52	3·99	2·33	5·65	4·44	4·53	4·35
May ...	4·30	5·60	4·20	4·10	3·30	4·01	4·32	4·03	3·87	3·81	1·96	2·29	1·63	4·64	4·58	4·69	5·07	4·26	5·88	5·38	5·52	5·23
June ...	8·70	9·00	8·90	8·00	8·90	6·11	7·50	5·23	6·13	5·57	2·95	3·47	2·41	5·50	5·22	5·78	7·68	7·87	7·28	6·04	6·35	5·72
July ...	8·25	8·10	8·80	8·20	7·90	2·86	2·11	3·10	3·77	2·44	3·29	3·45	3·13	5·83	5·53	6·13	6·83	6·81	6·84	5·81	5·97	5·65
August ...	8·50	8·10	8·20	9·40	8·30	7·13	7·84	7·29	7·29	6·11	3·56	3·87	3·26	5·85	5·27	6·43	7·15	7·26	7·03	6·13	6·52	5·73
September ...	7·80	7·60	6·90	7·40	9·30	5·36	5·07	6·20	5·73	4·43	3·66	4·10	3·22	5·84	5·73	5·94	7·87	7·97	7·77	6·73	6·87	6·58
October ...	8·47	9·10	7·70	7·60	9·50	4·41	4·23	4·84	4·84	3·74	4·23	4·55	3·92	5·86	6·42	5·29	7·91	8·19	7·63	6·50	6·68	6·31
November ...	3·40	3·80	3·50	3·50	2·80	2·75	2·10	3·70	3·23	1·97	2·64	3·10	2·18	4·02	4·28	3·75	4·70	5·27	4·12	5·28	5·37	5·18
December ...	5·70	6·40	6·60	6·00	3·80	2·52	2·23	3·29	2·55	2·03	4·03	4·42	3·64	3·62	3·69	3·56	4·64	4·87	4·40	5·14	5·45	4·82
Year ...	5·34	5·86	5·40	5·29	4·82	3·95	3·94	4·16	4·19	3·50	2·99	3·34	2·65	4·67	4·73	4·61	5·25	5·14	5·35	5·11	5·36	4·86

	84. Madras.			85. Salem.			86. Coimbatore.			87. Trichinopoly.			88. Negapatam.			89. Madura.			90. Cochin.		
Month.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	22 hours.
January ...	3·94	4·42	3·45	2·56	2·90	2·22	3·81	5·39	2·23	4·41	5·61	3·20	4·89	5·19	4·60	3·76	4·32	3·21	1·83	2·03	1·63
February ...	3·54	4·04	3·04	2·79	2·47	3·11	3·05	3·00	3·09	3·69	5·32	2·05	4·55	5·36	3·73	3·40	3·46	3·34	1·74	1·82	1·66
March ...	2·85	3·23	2·48	3·50	2·95	4·05	3·68	3·21	4·14	5·01	5·65	4·36	3·94	4·74	3·13	4·06	4·03	4·10	1·90	1·52	2·27
April ...	3·72	4·27	3·17	5·29	4·87	5·70	6·07	6·43	5·70	6·29	7·70	4·87	4·56	5·17	3·95	5·02	4·90	5·15	1·66	1·40	1·92
May ...	4·71	4·87	4·55	5·99	5·77	6·21	6·68	6·19	7·16	6·22	6·60	5·84	5·52	5·94	5·10	5·69	5·55	5·84	3·80	3·71	3·89
June ...	5·77	5·50	6·03	7·00	6·37	7·63	7·47	7·17	7·76	7·50	7·67	7·32	4·95	4·93	4·97	5·19	5·20	5·18	7·49	7·67	7·30
July ...	6·06	5·81	6·32	5·92	5·52	6·32	5·09	4·87	5·31	7·61	7·61	7·61	4·74	4·32	5·15	4·78	4·45	5·02	5·04	5·19	4·89
August ...	3·85	3·80	3·91	6·35	5·44	7·26	5·20	4·90	5·50	7·60	7·71	7·48	4·72	4·35	5·08	5·02	4·84	5·19	5·87	5·90	5·84
September...	6·48	6·47	6·50	7·49	6·83	8·15	6·42	6·27	6·57	8·54	8·00	9·07	6·48	6·57	6·42	5·44	4·90	5·98	6·06	5·70	6·42
October ...	5·71	5·97	5·45	7·58	7·06	8·10	6·45	6·26	6·63	8·08	7·68	8·47	7·34	7·81	6·86	5·72	4·87	6·57	5·82	5·81	5·82
November ...	7·18	7·67	6·69	6·63	6·13	7·13	6·49	6·60	6·37	8·52	9·37	8·27	7·60	7·60	7·60	5·67	5·60	5·73	4·69	3·87	5·50
December ...	5·69	6·16	5·23	6·62	6·32	6·90	5·68	5·90	5·45	7·76	8·68	6·83	7·15	7·35	6·95	5·88	5·84	5·92	3·97	3·77	4·16
Year ...	4·96	5·18	4·74	5·64	5·22	6·06	5·51	5·52	5·49	6·79	7·30	6·28	5·54	5·78	5·30	4·96	4·83	5·10	4·16	4·03	4·28

	91.	92.	93.	94.	95.	96.	97.	98.	99. Akyab.			100. Bassein.			101. Rangoon.			102. P.-Blair.			103. Nancowry.		
Month.	Colombo.	Jaffna.	Trincomalee.	Batticaloa.	Hambantota.	Galle.	Kandy.	Nuwara Elia.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January ...	3·6	2·9	4·0	5·7	5·6	3·9	3·1	2·5	2·43	2·42	2·45	5·21	5·15	5·27	3·21	2·47	3·95	2·53	2·52	2·55	5·23	5·10	5·35
February ...	3·8	2·0	2·5	5·7	8·1	4·4	3·0	1·5	2·29	1·89	2·68	1·43	1·50	1·36	3·60	2·82	4·38	6·00	5·89	6·11	4·66	4·54	4·79
March ...	4·5	2·3	2·6	5·3	6·3	4·5	4·5	2·7	1·90	1·84	1·97	0·98	1·23	0·74	2·65	1·95	3·35	4·19	4·26	4·13	4·90	5·03	4·77
April ...	5·8	3·7	2·8	6·3	7·2	5·2	5·6	2·8	3·80	4·33	3·27	1·90	2·17	1·63	3·68	2·97	4·38	5·28	4·93	5·63	3·88	4·30	3·47
May ...	6·0	4·1	4·9	6·8	8·4	7·3	6·7	5·4	5·18	5·23	5·13	5·73	5·42	6·03	5·51	5·19	5·82	8·19	7·61	8·77	5·32	5·68	4·97
June ...	8·3	4·9	6·3	6·1	8·6	7·3	6·0	7·9	8·62	8·87	8·37	9·23	8·63	9·83	9·17	8·98	9·35	9·22	9·27	9·17	6·92	7·13	6·70
July ..	6·8	5·1	5·4	5·9	6·5	4·2	5·2	5·2	9·18	9·42	8·94	9·74	9·48	10·00	9·60	9·55	9·65	8·40	7·61	9·19	5·89	6·00	5·77
August ...	7·4	3·6	4·8	6·0	8·7	7·2	5·9	7·4	8·55	8·94	8·16	8·70	8·48	8·90	9·47	9·40	9·53	8·82	8·87	8·77	7·61	7·65	7·58
September...	7·5	4·4	6·0	6·7	7·9	7·1	6·3	6·5	7·10	7·17	7·03	8·23	8·10	8·37	8·38	8·57	8·20	7·80	7·43	8·17	6·13	6·20	6·07
October ...	7·1	5·1	4·6	5·5	7·5	6·4	5·4	5·5	5·16	5·19	5·13	6·74	6·84	6·65	6·24	6·71	5·78	6·60	6·68	6·52	6·68	6·77	6·58
November...	7·0	7·0	6·0	7·0	8·0	7·0	6·0	6·0	3·13	3·53	2·73	4·30	3·63	4·98	3·92	3·73	4·11	6·03	5·90	6·17	5·77	5·70	5·83
December ...	5·9	6·6	6·0	7·0	7·2	5·5	6·3	5·1	3·66	3·68	3·63	2·45	2·35	2·55	2·06	1·85	2·27	6·42	6·10	6·74	5·18	5·48	4·90
Year ...	6·14	4·31	4·66	6·17	7·50	5·83	5·33	4·87	5·08	5·21	4·96	5·39	5·25	5·53	5·62	5·35	5·90	6·62	6·42	6·83	5·68	5·80	5·56

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1877 (311 STATIONS).

PROVINCES.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
PUNJAB ...	Delhi	2·30	2·10	0·20	0·20	0·30	3·70	1·30	0·10	...	5·30	...	2·40	17·90
	Gurgaon	1·80	1·50	0·70	0·90	0·90	4·80	1·40	0·10	1·80	2·40	...	3·50	19·80
	Kurnál	2·70	3·00	1·10	0·80	3·00	6·50	2·70	0·80	0·80	2·10	0·40	3·10	27·00
	Hissar	0·20	1·70	2·00	1·70	2·30	3·50	2·40	0·50	...	...	0·90	1·20	16·40
	Rohtak	0·60	0·60	1·10	0·70	1·60	3·30	0·40	...	2·60	1·90	0·30	2·20	15·30
	Sirsa	1·20	0·50	0·40	0·80	0·70	2·10	2·20	...	2·10	...	0·70	3·20	13·90
	Leh	0·31	0·04	0·03	...	...	...	...	...	0·63	...	...	...	1·01
	Murree (Observatory) ...	0·08	...	2·73	7·78	2·69	1·95	2·52	1·68	3·27	9·10	10·59	5·37	47·76
	Umballa	3·80	3·20	0·50	0·80	0·20	2·90	2·80	1·10	2·00	1·30	0·70	4·40	23·70
	Ludhiana	2·00	2·30	2·50	1·10	0·50	1·30	4·50	2·80	12·00	2·10	0·80	5·60	37·50
	Simla	1·00	0·90	11·20	12·70	5·50	6·90	11·20	7·40	3·00	2·20	1·30	1·90	65·20
	Jullunder	4·30	4·50	1·80	1·60	0·40	1·60	2·70	1·50	12·10	0·80	1·40	6·90	39·40
	Hoshiarpur	4·70	3·10	1·60	2·00	1·10	4·20	7·50	0·80	14·20	0·50	1·00	7·10	47·80
	Dharmsala	9·00	5·30	5·20	6·60	7·00	6·10	13·90	7·00	14·80	4·30	5·40	11·70	96·30
	Amritsur	3·90	6·00	0·50	3·30	1·40	2·00	2·20	0·70	3·90	1·10	2·50	5·00	32·50
	Sialkot	2·60	6·00	1·00	7·30	0·50	1·40	2·10	0·60	1·80	0·50	4·20	4·40	32·40
	Gurdaspore	4·80	4·20	1·50	1·80	1·20	1·00	2·90	0·80	6·50	0·10	2·40	8·90	36·10
	Lahore	1·60	3·80	0·60	2·50	0·40	...	1·90	...	1·60	0·50	1·20	2·50	16·60
	Ferozepore	0·80	1·10	0·30	1·40	2·00	0·60	2·10	0·40	2·10	...	0·90	3·50	15·20
	Gujranwalla	3·30	4·60	0·90	1·90	0·40	...	2·20	0·60	0·50	0·70	2·80	6·00	23·90
	Rawalpindi	4·80	5·40	1·10	4·70	1·40	1·70	3·10	2·10	1·70	2·80	4·50	6·50	39·80
	Jhelum	9·20	5·30	0·60	2·00	0·50	1·30	2·80	0·80	0·90	3·80	2·90	6·10	36·20
	Gujrat	4·50	5·40	0·70	2·50	0·80	1·60	1·60	2·10	0·50	1·90	1·70	7·40	30·70
	Shahpur	1·00	3·20	1·00	2·20	0·30	1·70	0·10	0·50	...	...	3·10	2·30	15·40
	Mooltan	0·20	0·50	0·70	0·40	1·00	...	1·50	...	3·20	...	...	1·10	13·60
	Jhang	0·30	0·50	1·10	2·80	3·10	0·80	3·40	...	1·50	...	0·50	2·00	16·00
	Montgomery	1·80	7·80	3·00	0·40	1·60	0·30	3·80	...	...	...	1·00	1·30	21·00
	Muzaffargarh	0·50	1,20	0·30	1·30	0·60	...	...	0·50	6·00	...	...	1·20	11·60
	Dera Ismail Khan ...	1·90	2·20	...	1·80	1·10	0·40	0·30	...	0·10	0·10	1·80	2·00	11·70
	Dera Gazi Khan ...	0·80	0·40	0·70	0·40	0·40	0·10	...	0·50	0·90	...	0·20	1·30	5·70
	Bannu	1·90	1·70	0·40	3·00	2·30	2·50	0·70	1·00	0·10	0·10	2·90	2·10	18·70
	Peshawar	3·20	2·50	1·10	6·20	...	...	...	...	...	0·40	8·00	4·10	25·50
	Kohat	1·80	3·30	2·00	0·50	2·60	3·40	0·70	1·00	0·80	1·90	13·00	4·10	35·10
	Abbottabad	3·10	6·70	4·50	8·60	5·40	5·70	3·30	3·10	2·70	6·20	9·80	10·20	69·30
RAJPUTANA AND CENTRAL INDIA.	Ajmere (Observatory) ...	0·04	0·89	0·16	0·43	0·82	0·75	4·65	0·23	0·19	1·81	0·55	1·20	11·72
	Ulwar	...	...	...	...	?	?	?	?	0·65	2·00	0·10	2·55	?
	Sambhar	...	0·25	...	0·25	0·85	4·80	...	0·30	...	1·70	1·05	0·85	10·05

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Rajputana and Central India, —*contd.*	Jeypore	0·22	0·37	0·23	0·50	1·33	3·31	0·81	0·61	0·56	1·54	0·17	1·01	10·66
	Mount Abu	...	1·08		0·03	2·71	1·86	4·91	0·41	5·80	1·68	0·27	1·00	19·75
	Bikanir	?	?	?	?	?	?	?	?	0·14	...	0·75	0·01	?
	Neemuch	?	?	...	...	0·59	2·25	2·76	...	2·70	8·24	...	1·90	?
	Indore	?	?	...	...	...	8·14	6·95	5·12	0·74	2·55	...	0·75	?
N.-W. Provinces	Mussooree	3·40	2·50	3·90	4·50	5·10	6·80	11·20	8·40	2·70	2·10	1·00	5·60	57·20
	Dehra	3·00	3·90	2·00	1·90	2·10	5·40	5·30	6·60	1·20	2·00	0·30	3·30	37·00
	Chakrata (Observatory) ...	4·76	6·46	4·59	3·98	5·08	5·97	12·30	3·70	2·17	1·05	1·20	6·57	57·83
	Saharunpur	2·90	3·00	1·80	0·50	0·80	1·80	4·80	1·90	1·80	1·80	0·40	7·20	28·70
	Roorkee	3·80	3·10	2·20	0·20	0·60	3·00	4·20	2·10	...	1·70	...	3·20	24·10
	Muzaffarnagar... ...	3·10	2·90	1·60	0·50	3·40	5·40	1·20	3·20	0·10	3·50	0·20	3·10	28·20
	Meerut	2·20	2·80	1·00	1·30	1·30	2·50	0·80	...	0·10	6·00	...	3·80	21·80
	Bulandshahr	0·90	1·50	0·50	...	0·10	...	6·10	0·10	...	3·40	...	4·10	16·70
	Aligarh	0·40	1·30	0·70	...	0·10	...	3·00	...	...	3·60	...	2·00	11·10
	Bijnor	2·10	2·10	1·10	...	0·70	2·00	1·70	0·90	0·50	2·00	...	3·20	16·30
	Moradabad	5·30	2·60	1·30	0·10	1·10	0·80	8·00	2·70	1·40	7·70	0·90	5·20	37·10
	Bareilly	2·20	1·70	1·40	...	0·20	2·60	3·70	3·10	...	6·60	...	2·20	23·70
	Budaun	2·60	2·70	0·60	0·30	0·50	0·60	2·50	2·00	0·10	5·90	...	1·90	19·70
	Shahjahanpur	2·50	1·50	1·70	0·20	0·70	2·30	2·60	0·80	1·90	4·70	0·10	3·20	22·20
	Muttra	0·30	0·90	0·10	0·20	0·10	0·30	0·50	...	...	6·30	...	1·80	10·50
	Agra	0·10	0·20	0·10	...	0·75	0·40	1·60	0·65	0·15	3·60	...	2·45	10·00
	Mainpuri	0·70	0·50	...	0·60	...	0·30	...	0·90	0·10	4·50	...	3·00	10·60
	Farukhabad	1·50	0·60	0·40	0·40	...	0·50	3·40	2·30	...	6·10	0·10	5·10	20·40
	Etawa	1·00	0·60	0·50	...	0·60	...	0·50	0·40	0·20	5·90	...	3·00	12·70
	Etah	1·40	0·20	0·50	0·60	0·10	1·60	2·70	0·20	0·20	4·90	0·10	2·10	14·60
	Cawnpore	1·30	2·40	...	0·40	0·50	0·40	1·70	3·70	0·90	3·40	...	2·00	16·70
	Fatehpur	0·90	1·40	1·00	...	1·30	0·40	3·60	3·25	2·70	3·00	...	0·30	17·85
	Banda	0·60	1·00	0·40	...	0·20	...	2·00	6·20	6·40	2·20	0·10	0·30	19·40
	Allahabad	1·90	1·10	1·10	0·20	...	2·50	2·10	5·50	0·10	3·80	...	0·30	18·60
	Hamirpur	0·20	1·00	0·20	...	1·70	1·10	1·40	3·70	0·70	1·60	0·10	1·50	13·20
	Jaunpur	2·00	1·90	0·10	0·20	0·30	1·10	10·80	7·20	4·00	5·80	...	0·40	33·80
	Azamgarh	1·20	1·40	0·30	0·30	0·20	1·00	5·60	4·80	1·20	2·50	...	1·10	19·60
	Mirzapur	1·50	2·30	0·80	0·20	0·10	1·90	5·60	6·50	1·30	3·00	...	0·50	24·20
	Benares	1·90	1·60	0·60	0·20	...	1·40	7·60	8·90	3·90	1·40	...	0·40	27·90
	Gorakhpur	2·90	1·10	...	0·60	0·50	2·60	4·80	4·40	3·00	3·00	...	1·40	24·30
	Basti	4·00	0·70	0·30	0·60	0·10	2·00	2·70	3·80	2·50	3·90	...	0·50	21·10
	Ghazipur	1·60	1·90	0·20	0·40	0·10	1·30	2·50	5·30	0·90	1·40	...	0·75	16·35
	Jalaun	0·70	1·40	...	0·20	0·30	0·50	2·20	0·10	2·20	2·50	...	2·40	12·50

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. Provinces,—*contd.*	Jhansi	0·40	0·90	0·30	0·50	0·40	1·70	0·50	2·30	5·40	2·30	...	1·10	15·80
	Lalitpur	0·60	1·20	...	...	0·30	6·10	1·80	4·80	0·80	1·90	...	2·80	20·30
	Almora	3·50	2·80	2·70	1·60	2·50	3·20	9·60	6·30	...	1·90	...	3·70	37·80
	Naini Tal	7·60	6·00	3·50	2·60	3·50	6·70	20·60	5·90	0·70	3·10	...	8·60	69·00
	Ranikhet (Observatory) ...	3·36	2·25	2·87	2·46	2·12	4·58	11·80	2·79	0·72	1·57	0·10	5·51	40·13
	Pauri	4·30	4·20	7·10	3·20	7·00	6·70	5·10	4·00	0·70	0·40	0·10	5·50	48·90
	Rudarpur	3·20	1·50	0·40	0·30	0·20	3·90	6·60	3·60	...	2·50	...	3·80	26·00
Oudh ...	Lucknow	3·00	1·20	0·10	0·90	0·10	0·20	2·90	1·00	0·90	2·40	...	1·70	14·40
	Unao	2·20	1·80	0·10	0·60	0·60	1·60	2·40	2·30	0·70	4·70	0·10	1·50	18·60
	Nawabganj	3·50	1·20	...	1·60	0·30	1·40	1·90	3·20	0·70	3·30	...	2·00	19·10
	Sitapur	2·40	0·20	2·10	0·80	0·70	3·20	2·20	0·40	...	4·50	...	2·70	19·20
	Hardoi	1·60	0·50	2·10	0·80	0·70	4·40	2·80	0·50	0·70	10·10	...	2·10	26·30
	Kheri	6·20	1·40	1·00	0·20	0·70	7·70	4·50	0·80	...	4·10	...	3·10	30·00
	Fyzabad	2·80	1·30	...	1·10	0·40	1·10	5·60	2·40	4·20	4·20	...	0·70	23·80
	Bahraich	3·60	0·90	1·00	0·70	0·80	1·40	8·70	3·00	4·00	5·50	...	2·50	32·10
	Gonda	2·20	1·00	...	0·70	1·30	5·40	10·70	0·80	5·95	11·75	...	2·15	41·95
	Rae Bareli	0·70	0·90	0·40	0·60	0·40	0·80	1·90	1·90	1·60	1·70	...	0·30	11·20
	Sultanpur	3·00	2·20	0·40	1·70	...	0·40	5·40	4·90	0·70	3·70	...	0·10	22·50
	Partabgarh	2·30	1·80	0·80	...	0·60	3·10	2·80	4·08	2·30	2·05	...	0·80	20·63
Bagelkhand ...	Sutna (Observatory) ...	2·09	1·29	1·32	0·22	0·70	1·32	6·19	11·10	5·11	2·12	...	0·19	31·65
	Rewah	2·40	2·00	0·60	1·90	0·30	1·90	6·70	6·80	9·00	4·70	...	0·10	36·40
	Nagode	4·70	1·50	0·20	1·40	0·80	2·10	7·10	14·30	3·90	4·10	...	0·30	40·40
Bengal ...	Burdwan	0·42	1·77	1·54	2·01	5·12	5·61	9·67	19·41	2·57	2·20	...	0·21	50·53
	Bankoora	0·79	1·61	1·05	1·31	3·29	6·88	8·68	16·05	11·30	3·55	...	0·32	54·83
	Soory	2·70	1·97	0·75	0·78	2·06	5·59	11·04	18·58	12·23	1·15	...	0·71	57·56
	Midnapore	3·16	3·16	1·43	2·82	4·47	10·21	4·32	10·80	2·99	2·59	...	3·43	49·38
	Hooghly	1·30	2·23	2·10	1·19	4·99	9·59	10·54	14·36	4·68	3·97	0·02	1·40	56·37
	Howrah	2·52	2·73	1·02	4·20	5·14	4·32	14·40	17·61	6·61	3·03	0·20	0·02	61·80
	Saugor Island	2·76	2·97	0·76	0·76	5·36	8·66	21·30	14·01	5·54	4·81	...	0·06	66·99
	Calcutta	2·90	2·26	0·75	0·88	4·90	4·33	14·90	16·47	8·98	2·40	...	2·19	60·96
	Alipore (Jail)	2·77	2·90	0·95	2·86	5·39	4·89	17·15	16·40	8·88	1·34	...	...	63·53
	Krishnaghur	1·25	2·37	1·34	7·36	3·23	7·94	21·93	19·58	1·91	2·57	0·21	0·62	70·31
	Jessore	0·90	1·93	2·51	4·11	7·87	7·19	10·85	20·04	7·79	4·95	...	...	68·14
	Berhampore	3·24	1·30	0·44	3·08	1·92	5·68	13·36	22·52	9·51	1·90	...	0·54	63·49
	Dinagepore	1·27	0·31	0·19	1·31	13·94	6·86	16·06	7·16	17·51	2·10	...	0·16	66·87
	Maldah	1·98	0·46	0·23	0·74	9·09	4·81	15·81	11·34	25·05	3·89	...	0·48	73·88
	Bauleah	2·44	1·95	0·24	5·12	4·53	8·17	13·68	26·71	12·03	2·71	...	0·44	78·02
	Rungpore ...	1·60	0·21	1·21	3·44	18·82	7·64	24·29	6·88	22·66	4·19	...	0·09	91·03

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Bogra	1·23	0·88	0·26	2·17	7·00	9·97	25·70	8·66	15·42	3·10	0·65	0·86	75·90
	Pubna	2·23	1·81	3·04	3·74	6·09	10·57	17·88	33·18	16·69	2·77	...	0·66	98·96
	Darjeeling	2·29	1·33	2·45	7·40	7·89	14·79	34·81	13·65	18·93	1·50	...	0·60	105·64
	Julpigoree	0·97	0·24	0·52	4·24	12·36	20·04	21·45	5·06	28·56	0·76	...	0·13	94·33
	Cooch Behar	1·27	0·41	1·67	6·49	21·82	8·69	26·61	3·52	36·17	0·73	...	0·10	107·48
	Dacca	0·52	2·67	3·86	6·16	7·63	17·31	18·09	17·82	10·33	3·57	...	0·11	88·07
	Furreedpore	0·34	1·64	5·07	5·87	4·25	15·90	26·13	26·49	7·77	2·90	...	0·36	96·72
	Burrisal	1·20	2·85	4·32	13·66	7·86	14·98	19·00	11·43	11·36	0·90	0·45	...	88·01
	Mymensing	1·84	0·71	1·58	3·02	10·38	15·13	36·43	19·85	20·07	5·02	0·55	0·74	115·32
	Chittagong	0·08	4·03	2·31	2·17	6·10	17·60	27·35	41·35	21·89	1·89	0·21	...	124·98
	Noakholly	1·05	3·36	2·16	5·25	4·74	28·36	37·76	19·31	18·79	1·49	0·20	...	122·47
	Tipperah	1·11	1·86	6·22	9·73	7·63	15·01	24·00	20·69	14·24	2·53	0·68	...	103·70
	Rangamatee Hill ...	0·41	4·82	6·52	1·29	6·01	14·06	28·76	37·46	29·24	3·88	0·61	...	133·06
	Hill Tipperah	1·98	2·21	8·52	3·39	13·62	6·23	14·51	19·13	9·78	3·29	1·21	...	83·87
	Patna	1·43	1·27	0·28	0·13	5·45	0·65	8·19	5·78	2·11	5·83	...	0·72	31·84
	Gya	1·08	2·18	0·47	0·45	11·12	0·54	7·21	9·30	9·34	1·92	...	0·67	44·28
Bengal,—*contd.*	Arrah	2·53	2·57	0·49	0·87	3·70	1·59	8·38	4·06	1·35	2·83	...	0·32	28·69
	Mozufferpore	1·92	0·99	0·12	0·28	1·60	1·98	9·33	3·01	2·89	5·26	...	0·95	2 ·33
	Durbhunga	1·96	1·39	0·02	0·92	2·04	3·15	18·25	9·61	7·85	8·15	...	0·96	·30
	Chupra	2·00	1·57	0·37	0·48	1·58	2·89	9·48	3·47	2·23	2·62	...	0·83	27·52
	Motihari	3·74	0·80	0·07	1·73	1·05	1·57	13·07	3·23	0·62	1·43	...	0·42	27·73
	Monghyr	1·06	1·25	0·12	0·38	7·12	0·75	12·56	4·67	7·91	3·64	...	0·33	39·79
	Bhagalpore	1·65	0·93	0·24	0·33	9·42	0·58	17·14	7·39	8·71	4·66	...	0·39	51·44
	Purneah	0·98	0·73	0·19	2·58	7·95	2·53	17·78	6·35	15·27	0·97	...	0·23	55·56
	Nya Doomka	3·14	1·41	0·10	2·89	3·16	8·29	12·35	14·08	12·77	4·94	...	1·85	64·98
	Cuttack	0·61	1·23	0·85	3·85	5·69	5·91	9·22	4·47	6·25	3·05	...	...	41·13
	False Point	1·75	4·20	0·75	24·00	3·95	5·65	10·70	20·10	6·20	1·90	0·04	0·07	79·31
	Pooree	0·04	3·13	0·68	1·91	3·44	4·91	6·46	3·15	6·70	4·51	0·22	...	35·15
	Balasore	1·46	1·85	0·84	2·40	5·03	11·65	21·73	13·61	5·51	3·32	...	...	67·40
	Hazaribagh	1·96	2·71	0·75	1·12	2·24	7·25	10·15	12·55	4·95	0·76	0·01	1·09	45·54
	Ranchee	3·32	3·49	1·65	2·58	3·10	6·95	6·13	25·21	4·62	0·33	0·93	0·97	59·28
	Chyebassa	3·00	2·95	3·61	1·96	3·32	13·60	13·08	19·51	5·04	1·29	0·11	0·29	67·76
	Purulia	1·04	2·72	1·55	1·57	6·71	10·09	9·85	19·32	7·36	1·16	...	0·34	61·71
	Silchar	1·59	4·74	10·40	8·61	18·29	15·46	23·88	21·86	15·09	6·56	1·23	0·32	128·03
	Sibsagar	0·97	0·86	5·62	7·05	13·01	12·43	17·36	16·58	11·36	2·78	3·82	0·26	92·60
Assam ...	Sylhet	2·85	1·92	2·99	2·89	19·18	28·98	29·98	17·94	47·26	2·53	1·19	0·67	158·38
	Goalpara	0·88	0·69	2·78	8·47	15·25	6·41	16·68	9·73	17·58	1·32	...	0·51	80 30
	Tura	1·34	0·17	2·34	6·57	21·65	8·33	31·70	10·11	25·34	6·45	...	0·23	114·23

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Assam,—*contd.*	Gauhati	1·44	0·94	4·68	6·49	10·87	5·25	11·86	6·59	6·66	1·20	0·40	0·83	57·21
	Tezpur	0·83	0·85	7·31	4·29	11·75	7·80	19·80	9·66	7·68	1·50	1·10	0·16	72·73
	Nowgong	0·86	1·12	1·42	4·92	11·27	10·31	9·44	7·26	5·42	2·55	0·10	0·24	54·91
	Dibrugarh	0·77	2·47	6·22	7·04	15·58	17·36	19·91	8·15	21·73	2·41	1·86	5·50	109·00
	Shillong	1·46	0·90	2·66	4·76	16·96	15·06	20·74	15·01	22·25	4·49	0·15	0·12	104·56
	Samagoodting ...	1·55	0·98	3·26	4·99	7·51	14·84	12·00	20·37	5·96	2·41	0·09	0·31	74·27
Central Provinces.	Nagpur	4·23	0·66	0·25	2·16	1·09	9·88	14·86	12·76	4·53	4·76	0·10	1·57	56·85
	Bhandara	4·10	...	0·20	3·53	2·78	9·49	15·65	16·38	7·48	1·26	0·34	0·74	61·95
	Chanda	1·40	0·02	1·19	4·36	0·89	2·24	11·19	6·83	3·74	1·85	...	1·37	35·08
	Wurdha	1·73	1·00	...	1·72	0·69	5·07	11·58	5·32	4·34	2·29	0·20	1·82	35·76
	Hinganghat	2·63	0·88	0·23	2·10	0·53	3·09	12·43	7·53	3·79	2·73	...	1·13	37·07
	Balaghat	4·40	2·70	...	2·40	3·65	12·46	16·44	15·18	5·83	3·38	1·20	0·90	68·54
	Sironcha	0·58	1·43	1·57	2·65	8·53	3·53	12·00	5·65	5·76	4·44	...	...	46·14
	Jubbulpore	2·33	1·09	1·98	3·52	2·62	17·26	7·05	9·82	1·63	1·07	...	...	48·37
	Saugor	3·04	0·38	...	1·09	0·31	5·78	7·21	4·19	0·87	2·73	...	1·74	27·34
	Damoh	0·40	0·40	...	0·15	0·95	10·15	6·07	5·89	4·23	2·50	...	0·87	31·61
	Seoni	3·80	1·60	0·68	3·50	0·70	11·85	9·65	8·55	5·00	5·95	0·25	3·33	54·86
	Mandla	2·95	...	2·70	6·30	1·19	12·53	7·83	6·70	4·52	1·31	...	0·66	46·69
	Badnur	3·08	0·73	0·79	0·10	...	9·73	11·46	13·36	2·30	5·33	0·23	2·86	49·97
	Chindwara	6·30	1·52	0·37	2·19	1·60	7·49	5·51	11·21	6·09	4·10	1·26	2·29	49·03
	Hoshangabad	1·43	0·47	0·18	0·10	0·38	4·28	15·51	7·78	1·40	2·68	...	3·26	37·47
	Narsingpur	1·90	2·22	0·88	0·46	1·07	4·30	24·53	7·19	6·88	2·75	...	2·85	55·03
	Khandwa	0·64	2·82	...	0·12	0·12	4·87	6·83	11·41	0·94	0·94	0·06	1·69	30·44
	Pachmarhi	4·04	1·58	1·76	2·76	0·22	8·79	23·17	9·67	4·73	4·82	...	2·73	64·27
	Raipur	3·54	0·25	0·73	3·58	2·18	10·87	5·05	16·07	0·70	2·74	...	0·51	46·22
	Sambalpur	4·24	1·43	0·23	0·49	1·71	16·96	13·53	20·62	6·03	1·50	...	0·87	67·61
	Bilaspur	2·35	0·80	1·20	2·30	7·55	13·75	17·85	24·32	6·40	3·87	...	0·15	80·63
Hyderabad Assigned Districts.	Amraoti	2·11	1·34	0·32	1·88	0·38	7·51	4·02	4·58	0·93	2·16	0·04	3·93	29·20
	Akola	3·01	1·12	0·35	...	0·18	6·85	2·63	3·44	2·61	1·45	0·24	2·44	24·32
	Buldana	1·68	0·52	0·81	0·47	0·05	3·92	3·59	9·24	2·42	3·39	0·01	1·17	27·27
	Chikalda	1·56	0·34	0·52?	0·14	0·31	7·23	7·33	10·15	5·47	4·40	0·54	4·23	42·22?
Bombay ...	Dhulia	1·68	0·68	...	...	...	3·46	2·69	10·22	1·99	1·40	...	0·84	22·96
	Nasik	...	0·25	0·15	...	...	4·42	2·93	1·27	5·89	4·18	...	0·15	19·24
	Igatpuri	0·08	1·54	...	...	0·25	9·39	28·02	13·55	12·25	3·18	...	...	68·26
	Malegaon	0.64	0·30	0·05	...	0·30	5·40	1·58	4·24	1·55	1·65	...	1·11	16·82
	Ahmednagar	...	0·02	0·16	2·15	0·94	9·03	0·49	3·63	4·51	2·73	0·42	0·11	25·09
	Poona (Observatory) ...	0·02	0·12	0·12	0·02	0·02	8·85	1·42	1·38	4·68	2·95	1·90	...	21·48
	Lanauli	...	...	...	...	0·14	18·67	32·03	26·84	12·46	4·08	0·12	...	94·34

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bombay,—*contd.*	Satara	...	1·10	...	...	0·59	4·11	4·59	4·66	8·41	6·42	0·39	...	30·27
	Malcolm Peth (Mahableshwar)	...	0·31	0·04	...	1·91	42·35	46·53	40·46	25·54	10·19	0·40	...	167·73
	Sholapur	...	0·11	0·48	1·60	0·14	8·40	3·76	5·75	10 86	3·79	...	1·39	36·28
	Kolhapur (C. H.) ..	...	0·07	...	0·78	0·37	13·96	2·90	8·20	11·05	8·09	...	...	45·42
	Boura (Fort)	...	0·13	...	...	2·08	56·60	29·06	58·58	26·00	18·50	1·80	0 93	193·68
	Belgaum (Observatory) ...	...	...	...	3·66	1·23	16·43	3·12	7·69	6·63	7·42	0·04	0·60	46·82
	Gokak	...	...	...	0 54	0·35	6·27	0·19	2·82	9·84	10·67	...	2·00	32·68
	Dharwar	...	...	...	2·17	3·06	4·89	0·76	3·15	10·95	8·58	0·02	1·91	35·49
	Hubli	...	...	0·05	2·97	1·30	8·83	0·95	2·80	13·37	7·45	...	1·90	39·62
	Nargund	...	...	...	0·56	1·96	3·13	...	1·55	12·11	9·06	..	0 90	29·27
	Mandargi	...	...	...	3·15	1·08	3·50	0·58	0·94	7·70	4·06	...	0·17	21·18
	Kalghatgi	...	...	...	0·66	1·89	3·14	1·33	2·85	5·26	10·29	...	1 17	26·59
	Bijapur	...	...	0·40	2·60	0·31	4·98	2·24	4·23	13·78	8·77	...	3·41	40·72
	Karwar	...	...	...	...	1·05	23·98	10·89	21·90	11·51	16·02	0·45	1·26	87·06
	Honnawar	...	...	...	0·04	0·03	27·82	17·01	24·53	9·75	11·69	0·41	0·07	91·35
	Vingorla	...	...	...	...	...	23·06	6·40	11·93	8·98	12·37	0·10	...	62·84
	Ratnagiri	...	...	...	...	...	45·00	9·92	11·68	11·74	6·18	0·63	...	85·15
	Observatory, Colaba ...	0·22	0·52	...	...	...	35·58	11·10	8·51	8·89	8·33	...	...	73·15
	Byculla, J. J. Hospital ...	...	...	...	...	...	29·06	12·93	13·41	7·48	7·88	...	...	70·76
	Esplanade	...	...	...	...	...	31·45	9·43	10·66	4·42	5·84	...	...	61·80
	Tanna (Huzur Station) ...	...	1·43	0·11	...	0·44	12·00	17·53	18·00	6·54	5·04	...	...	61·09
	Matheran	...	...	0·08	...	0 10	23·54	54·28	33·83	17·46	6· 2	...	...	135·41
	Surat, Jail Hospital ...	...	...	...	...	...	3·13	2 48	3·98	3·65	3·42	...	0·07	16·73
	Broach	0·23	...	...	...	0·10	3·79	2·75	1·87	4·22	7·45	...	...	20·41
	Kaira (C. H.)	...	1·30	...	0·63	0·91	4·42	7·01	0·01	5·52	5·44	...	1·10	26·34
	Godhra Dispensary ...	...	0·60	...	...	0 29	3·92	4·71	0·21	5·75	1·91	...	0·76	18·15
	Ahmedabad City ...	...	0·30	...	0·08	0·87	2·33	5·69	0·60	5·64	5·64	...	0·50	21·65
	Baria	0·55	1 35	...	...	...	3·54	3·78	0·74	4·20	0·98	...	0·64	15·78
	Edar Dispensary ...	...	1·10	...	...	1·37	2·21	1·12	0·57	4·45	3·88	1·10	0·30	16·10
	Palanpur	...	0·74	...	...	0·60	0·68	5·52	...	4·10	3·56	...	0·33	15·53
	Rajkot (C. H.)	0·34	0·08	...	...	...	2·60	1·94	0·56	7·34	2·29	...	0·45	15·60
	Bhuj.	...	0·43	...	...	...	0·80	0·03	...	11·39	1·28	...	...	13·93
	Rhapur (in Wagur) ...	...	...	...	...	1·25	0·55	1·15	1·25	6·18	2·60	...	...	12·98
	Kurrachee (Observatory) ...	...	1·58	0·08	0·22	...	...	..	...	0·16	...	0·02	0·03	2·09
	Sehwan Dispensary ...	...	0·47	0·40	1·28	...	...	...	...	1·73	...	...	0·38	4·26
	Tatta ditto ...	...	0·80	0·15	2·38	...	...	...	...	4·96	0·07	...	0·04	8·40
	Hyderabad	...	0·43	0·03	0·55	...	...	...	...	2·39	...	...	...	3·40
	Umarkot	...	0·16	0 10	0·20	0·40	...	...	...	3·85	0·17	...	...	4·88

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bombay,—*concld.*	Nagar	...	0·56	...	...	1·10	0·99	1·87	...	3·45	1·05	...	...	9·02
	Shikarpur	0·91	0·11	0·80	0·70	...	...	...	...	0·23	...	0·06	0·37	3·18
	Rohri	0·86	0·11	0·33	0·19	...	...	...	...	1·10	...	0·03	0·30	2·92
	Jacobabad	...	0·07	...	0·20	...	...	...	...	0·95	...	0·86	0·51	2·59
	Decsa (Observatory) ...	...	0·65	0·05	...	0·45	2·87	2·82	...	2·89	1·87	...	0·09	11·69
	Goa	...	...	...	...	...	19·46	9·70	17·53	12·23	11·18	0·04	0·88	71·02
Madras ...	Arcot	...	...	0·10	0·05	3·90	2·50	2·95	7·62	9·48	5·82	5·07	1·31	38·80
	Chittoor	...	...	1·88	0·25	4·76	3·19	0·61	4·31	9·13	11·39	6·04	1·17	42·73
	Palmanair	...	...	1·55	1·40	2·37	1·72	0·25	2·25	11·74	12·20	·60	2·60	39·68
	Vellore	...	...	0·12	1·12	2·92	3·04	1·10	2·95	11·55	14·12	4·21	2·98	44·11
	Cuddalore	...	...	...	...	7·73	1·22	1·24	2·29	8·26	10·50	9·13	16·95	57·32
	Tindevanum	...	...	...	0·10	9·65	1·47	1·90	1·02	12·05	12·70	7·40	3·03	49·32
	Virdachellum	...	...	...	...	3·45	1·30	2·00	2·05	10·65	13·53	7·40	8·70	49·08
	Bellary	...	...	...	2·50	0·35	2·12	1·46	1·97	5·31	8·95	0·52	0·80	23·98
	Gooty	...	...	0·05	...	5·00	2·64	2·59	5·21	6·53	8·79	2·60	...	33·41
	Mangalore	...	...	...	0·56	0·49	40·82	25·16	34·33	17·68	12·24	1·76	0·04	133·08
	Chingleput	0·25	...	...	...	9·42	2·52	1·29	2·49	9·34	9·01	8·25	1·72	44·29
	Conjevaram	0·30	...	0·20	...	6·62	4·29	1·15	4·62	7·70	7·59	3·07	3·00	38·54
	Caroor	...	...	0·20	0·25	3·42	...	...	0·24	6·86	7·69	4·67	3·55	26·88
	Coimbatore	...	...	0·56	0·55	2·42	3·68	0·03	0·57	1·94	12·99	2·50	2·15	27·39
	Cuddapah	...	...	1·90	...	1·77	4·12	1·40	2·26	4·82	3·87	0·75	0·02	20·91
	Aska (Sugar Works) ...	1·03	4·07	2·95	2·62	6·42	3·74	...	4·09	5·36	2·89	1·47	0·03	34·67?
	Ganjam	0·06	1·80	2·70	3·10	8·40	4·80	3·41	5·35	6·75	0·75	0·40	...	37·52
	Coconada	1·05	2·75	0·50	...	9·40	1·05	3·97	6·40	7·10	9·00	...	...	41·22
	Ellore	0·70	...	1·55	0·50	1·75	1·27	3·70	6·79	7·58	8·72	...	...	32·56
	Rajahmundry	2·95	1·97	0·16	0·75	5·85	2·18	2·48	2·96	7·10	3·00	...	..	29·40
	Guntoor...	1·10	1·70	6·50	...	5·70	1·30	3·05	4·15	6·39	7·12	0·70	0·05	37·76
	Masulipatam	0·40	0·08	0·83	...	1·58	2·56	5·88	3·06	8·67	7·99	1·77	0·09	32·91
	Kurnool	...	...	1·07	0·08	3·32	2·05	0·87	2·34	7·80	4·31	0·56	...	22·40
	Dindigul	...	...	0·85	0·13	1·65	2·60	0·97	0·60	10·75	9·14	10·19	8·55	45·43
	Madura	...	...	0·47	0·13	2·50	2·02	0·65	0·95	5·82	16·80	11·20	13·50	54·04
	Pasumali	...	...	0·88	...	...	1·72	0·66	1·06	6·03	16·54	5·58	9·94	42·41
	Calicut	...	...	...	2·25	6·63	35·38	13·59	24·55	21·52	24·99	7·60	1·34	137·85
	Cannanore	...	...	...	2·13	1·65	38·62	10·52	30·40	13·50	18·66	2·72	0·90	119·10
	Cochin	...	1·42	2·09	11·24	6·44	43·96	14·01	12·08	15·97	23·33	8·21	5·20	143·95
	Manantoddy	...	0·10	1·82	5·05	2·44	41·37	11·61	25·63	6·80	14·62	0·97	2·32	112·73
	Palghat	...	0·02	2·19	0·25	3·18	20·41	5·49	24·48	9·59	12·64	5·02	7·20	90·47
	Tellicherry	...	...	...	3·59	4·04	39·32	11·20	29·03	17·66	16·95	0·40	1·67	123·86

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Madras,—*contd.*	Nellore	0·10	0·10	2·67	...	8·70	2·35	0·30	0·55	5·72	13·20	4·15	4·52	42·36
	Ongole	...	0·40	2·40	...	6·60	0·30	1·50	0·30	9·95	8·60	...	1·40	31·45
	Ahtur	...	...	2·60	0·25	4·37	2·70	...	2·20	5·96	13·50	2·57	2·98	37·13
	Salem	...	...	2·70	0·05	3·76	5·95	0·55	3·26	9·80	12·00	2·25	2·20	42·52
	Shevaroy Hills ...	...	...	3·20	0·95	3·70	7·90	2·00	1·80	15·22	24·25	5·20	5·15	69·37
	Combaconum	...	...	...	...	2·80	1·50	1·40	0·95	6·00	8·85	13·95	11·85	47·30
	Negapatam	0·67	...	...	...	4·41	0·90	0·19	0·36	5·47	5·65	15·35	16·82	49·82
	Tanjore	...	...	...	...	1·95	3·15	0·87	0·22	6·08	10·22	6·42	9·55	38·46
	Tranquebar	...	...	...	...	6·45	0·85	3·97	2·60	3·90	5·23	25·27	17·12	65·39
	Tinnevelly	...	...	2·43	0·52	...	2·50	...	...	1·72	5·52	15·82	14·60	43·11
	Tuticorin	...	...	1·10	2·00	0·05	...	...	...	0·20	5·10	13·40	13·20	35·05
	Oodiarpalliam	...	...	...	0·25	3·58	1·95	1·15	1·87	4·65	7·80	5·45	7·10	33·80
	Trichinopoly	...	...	0·04	0·52	2·23	0·52	0·40	0·31	10·07	13·01	5·54	5·30	37·94
	Bimlipatam ...	1·20	1·65	1·40	0·35	7·35	1·75	5·82	1·55	7·25	5·65	0·20	...	34·17
	Vizagapatam (Observatory)	1·60	1·60	1·60	...	13·20	1·30	3·70	3·60	9·50	3·30	0·70	...	40·10
	Vizianagram ...	...	5·50	7·50	2·00	12·80	2·00	5·90	2·40	5·40	2·40	...	...	45·90
	Bangalore (Observatory) ...	...	...	0·65	2·21	3·42	3·01	1·13	2·91	12·73	8·81	2·77	0·23	37·87
	Madras (Observatory) ...	0·01	...	0·03	...	21·27	2·36	1·22	2·49	3·15	8·56	21·25	5·86	66·20
Hyderabad ...	Secunderabad	0·90	0·17	1·97	1·19	2·50	1·98	2·39	4·47	4·47	5·99	2·20	2·03	30·26
Ceylon ...	Colombo	1·84	0·20	2·66	4·66	10·80	13·61	3·32	5·62	21·80	10·15	13·46	17·72	105·84
	Ratnapura	1·61	2·98	7·74	12·74	28·16	31·27	5·89	19·72	15·30	12·39	25·65	14·53	177·98
	Puttalam	0·29	...	6·30	6·70	7·21	3·40	0·16	2·47	8·31	10·17	19·25	17·37	81·63
	Anuradhapura	0·25	...	4·61	9·01	4·52	1·03	0·05	0·44	2·89	10·69	18·35	20·56	72·40
	Mannaar	...	...	1·66	1·46	2·34	0·78	0·02	...	0·86	6·32	7·17	17·94	38·55
	Jaffna	0·09	...	0·91	2·76	2·01	...	2·17	...	1·70	12·36	22·08	13·90	57·98
	Trincomalee	0·73	...	1·56	0·42	3·13	0·53	0·05	2·08	7·64	14·31	17·12	19·49	67·06
	Batticaloa	1·24	1·70	5·12	1·35	2·47	0·06	0·03	0·84	4·01	8·60	15·35	19·68	60·45
	Hambantotta	...	0·06	2·09	2·28	11·05	6·42	0·91	4·24	17·78	22·20	5·92	10·67	83·62
	Galle	1·46	0·29	8·48	7·20	18·81	8·25	3·14	12·83	32·58	19·80	13·95	12·78	139·57
	Kandy	0·43	0·19	3·92	7·13	10·90	11·18	3·69	4·79	3·85	13·15	22·53	17·64	99·40
	Newara Eliya	0·79	3·02	2·71	1·60	20·71	19·46	2·73	8·35	12·28	19·82	16·79	20·54	128·80
British Burmah	Akyab	...	...	...	...	2·61	40·24	56·65	40·99	23·22	3·95	8·08	...	176·64
	Kyouk Phyoo	...	...	...	...	1·90	35·50	63·50	72·70	32·30	9·40	16·90	...	232·20
	Sandoway	...	...	...	...	2·05	60·02	74·09	74·15	22·05	8·39	8·83	...	249·58
	Rangoon	...	...	...	...	1·10	27·10	22·34	21·36	13·87	11·33	4·34	...	101·44
	Bassein	...	...	...	...	5·59	41·43	31·94	34·37	9·10	8·11	2·11	...	132·65
	Henzada	...	...	...	...	5·07	19·26	20·02	21·12	9·20	5·61	1·36	...	81·64
	Prome	...	...	...	1·27	2·62	11·95	7·15	17·15	6·08	6·59	7·03	...	59·84
	Thyetmio	...	...	...	0·40	3·88	12·52	9·91	20·13	4·25	9·56	1·90	...	62·55

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
British Burmah,—*contd.*	Tounghoo	...	...	...	0·02	0·86	18·32	22·80	15·19	8·89	7·59	4·03	...	77·70
	Moulmein	...	...	0·45	0·04	11·33	43·54	32·20	47·64	20·30	6·76	2·00	...	164·26
	Tavoy	...	...	0·05	1·15	18·52	54·32	54·23	56·04	12·52	6·77	2·18	1·04	206·82
	Mergui	...	0·07	3·54	0·60	15·99	29·38	30·57	29·29	15·58	9·23	1·79	0·02	136·06
	Shwe-Gyen	...	...	...	...	1·38	38·09	42·00	34·07	24·79	8·24	3·57	...	152·14
Andamans ...	Port Blair	1·27	5·26	0·73	...	4·77	25·45	8·00	18·80	16·57	17·89	7·32	8·76	114·82
Nicobars ...	Nancowry	0·30	0·08	0·90	2·89	2·60	20·49	4·07	10·75	17·01	7·80	6·20	6·24	79·33

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1877, (239 STATIONS).

PROVINCES.	NAMES OF STATIONS.	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.	Year.
PUNJAB	Delhi	3	4	1	2	3	3	3	1	...	4	...	3	27
	Gurgaon ...	2	2	4	3	3	4	3	1	2	2	...	3	29
	Karnal	6	5	4	1	3	3	4	2	1	5	1	5	40
	Hissar	2	5	2	5	3	4	4	1	...	...	2	2	30
	Rohtak	1	2	2	2	5	3	1	...	2	3	1	1	23
	Sirsa	4	2	3	4	4	5	4	...	1	...	2	3	32
	Leh	4	1	1	...	...	...	...	...	2	...	...	...	8
	Murree	1	...	7	16	10	6	8	6	5	10	15	9	93
	Umballa ...	7	5	1	3	1	2	4	1	3	3	1	5	36
	Ludhiana ...	4	4	3	2	1	2	3	2	2	1	1	4	29
	Simla	2	2	8	10	9	8	9	8	5	6	2	5	74
	Jullundur ...	4	4	3	4	3	4	4	2	2	2	2	5	39
	Hoshiarpur ...	7	6	3	4	3	2	6	2	2	1	1	5	42
	Dharmsala ...	9	8	7	8	11	8	8	8	10	6	5	8	96
	Amritsar ...	7	6	2	6	6	4	4	1	2	3	4	4	49
	Sialkot	5	5	3	4	2	3	6	1	2	3	4	3	41
	Gurdaspore ...	5	5	3	5	4	3	4	1	3	1	4	3	41
	Lahore	4	5	4	6	3	...	3	...	3	1	3	4	36
	Ferozepore ...	2	1	2	2	5	2	4	1	2	...	3	3	27
	Gujranwalla ...	6	6	3	5	2	...	2	1	2	3	3	4	37
	Rawalpindi	6	7	3	9	5	4	5	2	4	6	9	9	69
	Jhelum	8	7	3	3	2	2	5	2	3	7	5	4	51
	Gujrat	6	7	3	7	3	3	4	2	2	4	3	4	48
	Shahpur	4	6	3	7	2	1	1	1	...	...	4	5	34
	Mooltan	1	1	1	1	1	...	2	...	2	...	...	4	13
	Jhang	2	3	1	6	4	2	5	...	2	...	1	4	30
	Montgomery ...	3	4	4	2	5	1	4	...	...	...	2	3	28
	Muzaffergarh ...	1,	1	1	4	1	...	...	1	3	...	..	2	14
	Dera Ismail Khan ...	4	5	...	6	4	1	2	...	1	1	5	5	34
	Dera Gazi Khan ...	1	2	2	2	2	1	...	1	1	...	1	3	16
	Bannu	4	4	1	4	3	2	2	1	1	1	4	4	31
	Peshawar ...	5	4	1	4	...	...	...	...	...	2	9	8	33
	Kohat	3	7	4	1	6	2	3	3	3	3	10	9	54
	Abottabad ...	6	8	5	12	7	4	4	3	6	11	12	12	90
RAJPUTANA AND CENTRAL INDIA.	Ajmere	2	4	2	4	3	2	6	3	2	3	1	3	35
	Ulwar	...	...	...	...	?	?	?	2?	3	3	1	2	11?

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Rajputana and Central India—*concld.*	Sambhar ...	...	1	...	1	2	4	...	2	...	3	2	2	17
	Jeypore	3	2	2	4	6	7	5	3	3	2	4	5	46
	Bikaneer ...	?	?	?	?	?	?	?	?	4	...	3	1	8 ?
	Neemuch ...	?	?	...	...	3	4	5	...	4	3	...	1	20 ?
	Indore	?	?	...	...	...	4	11	11	4	6	...	2	38 ?
N. W. Provinces ...	Mussoorie ...	6	7	7	9	10	10	9	10	6	6	1	6	87
	Dehra	5	2	6	4	5	7	6	7	4	6	1	7	60
	Chakrata ...	10	6	10	12	9	9	15	12	9	6	1	7	106
	Saharunpore ...	4	4	4	1	1	2	4	2	1	3	1	4	31
	Roorkee	4	4	2	1	2	2	3	2	...	3	...	3	26
	Muzaffarnagar ...	6	4	4	4	5	5	3	4	1	4	1	5	46
	Meerut	3	3	2	2	3	4	4	...	1	3	...	4	29
	Bulandshahr ...	3	2	1	..	1	...	5	1	...	4	...	4	21
	Aligarh	1	2	1	...	1	...	2	...	...	4	...	3	14
	Bijnour	5	3	3	...	2	4	6	3	1	5	...	4	36
	Moradabad ...	5	2	4	1	5	1	6	7	2	3	2	3	41
	Bareilly	3	3	3	...	1	3	4	3	...	3	...	3	26
	Budaun	3	2	3	2	2	2	5	2	1	2	...	3	27
	Shajahanpore ...	2	2	2	1	2	5	5	1	2	3	1	4	30
	Muttra	1	2	1	1	1	2	3	...	...	3	...	4	18
	Agra	1	...	1	...	3	1	3	2	2	3	...	3	19
	Mainpuri ...	1	2	...	1	...	1	..	2	1	3	...	3	14
	Farukhabad ...	3	2	2	2	...	3	2	2	...	3	1	4	24
	Etawah	2	2	1	...	3	...	3	2	1	3	...	3	20
	Etah	3	1	2	2	1	1	4	1	1	3	1	3	23
	Cawnpore ...	2	4	...	2	1	2	3	5	2	3	...	1	25
	Fatehpur ...	3	3	2	...	3	3	6	4	3	2	...	1	30
	Banda	3	1	2	...	1	...	4	9	7	3	1	1	32
	Allahabad ..	3	2	3	1	...	5	7	5	1	3	...	1	31
	Hamirpur ...	1	3	1	...	1	2	3	5	3	3	1	2	25
	Jaunpore ...	2	3	1	1	2	3	7	8	5	4	...	2	38
	Azamgarh ...	2	3	1	1	1	2	7	5	2	4	...	2	30
	Mirzapur ...	3	4	4	1	1	4	9	9	2	4	...	2	43
	Benares... ...	5	3	3	1	...	3	10	14	2	4	...	3	48
	Gorakhpur ..	3	3	...	1	2	3	6	5	1	6	...	3	33
	Basti	2	3	1	1	1	5	8	10	4	6	...	2	43
	Ghazipur ...	2	4	1	1	1	3	4	6	1	4	...	3	30
	Jalaun	2	2	...	1	1	2	3	1	2	2	...	3	19

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Year.
N. W. Provinces—*concld.*	Jhansi	1	2	1	2	1	2	2	6	2	2	...	3	24
	Lalitpur... ...	3	2	...	...	1	7	5	7	3	2	...	4	34
	Almora	4	5	9	4	9	7	11	13	...	6	...	5	73
	Naini Tal ...	4	5	6	8	9	11	15	6	1	7	...	8	80
	Ranikhet ...	8	5	11	7	8	10	13	11	2	6	1	8	90
	Pouri	4	5	6	7	14	7	9	8	2	2	1	7	72
	Rudarpur ...	3	2	2	2	1	4	5	5	...	5	...	3	32
Oudh ...	Lucknow ...	3	4	1	3	1	2	6	3	2	3	...	3	31
	Unao	2	3	1	2	2	3	4	3	1	2	1	2	26
	Nawabganj ...	2	3	...	3	2	2	2	4	1	4	...	3	26
	Sitapur	2	1	3	2	1	3	5	2	...	5	...	3	27
	Hardoi	2	1	3	2	3	4	5	5	2	4	...	2	33
	Kheri	3	3	4	1	3	6	5	4	...	6	...	3	38
	Fyzabad	3	3	...	2	2	2	5	3	2	4	...	2	28
	Bahraich ...	4	3	2	2	2	4	9	7	4	4	...	4	45
	Gonda	2	3	...	3	2	5	10	3	3	6	...	2	39
	Rae Barili ...	2	4	1	2	2	3	3	6	3	2	...	2	30
	Sultanpur ...	3	3	1	2	...	1	5	5	3	4	...	1	28
	Partabgarh ...	2	4	2	...	2	3	3	6	4	4	...	3	33
Bagelkhand ...	Sutna	3	3	4	6	5	6	9	10	7	3	...	3	59
Bengal ...	Burdwan ...	3	4	8	5	11	15	20	23	9	4	...	3	105
	Bankoora ...	4	3	7	6	10	13	19	22	11	4	...	3	102
	Soory	4	4	3	5	8	11	23	21	14	5	...	3	101
	Midnapore ...	4	6	5	6	9	12	14	16	7	5	...	1	85
	Hooghly... ...	3	2	6	5	11	17	22	25	11	8	1	1	112
	Howrah	4	6	6	5	12	17	21	26	13	7	1	2	120
	Saugor Island ...	2	7	2	3	9	16	21	17	12	4	...	1	94
	Calcutta... ...	4	5	5	5	11	15	19	25	12	6	...	2	109
	Alipore (Jail) ...	5	8	4	1	9	14	20	25	18	5	...	...	109
	Krishnaghur ...	4	5	6	9	12	13	23	20	12	5	2	2	113
	Jessore	3	5	8	11	17	19	20	24	11	8	...	...	126
	Berhampore ...	3	4	3	6	8	16	19	18	14	6	...	3	100
	Dinagepore ...	6	4	2	5	15	13	21	17	17	5	...	1	106
	Maldah	4	4	2	4	10	12	19	17	10	4	...	3	89
	Bauleah	3	3	4	6	13	16	19	21	16	7	...	3	111
	Rungpore ...	4	3	4	8	13	17	20	15	21	5	...	2	112
	Bogra	2	4	2	3	12	12	22	15	14	6	1	3	96
	Pubna	3	4	7	11	8	17	23	17	15	5	...	3	113

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	Darjeeling ...	5	6	6	20	24	25	29	25	21	3	...	1	165
	Julpigoree ...	1	1	3	10	15	20	23	12	24	3	...	1	113
	Cooch Behar ...	2	1	4	12	13	15	20	13	22	3	...	1	106
	Dacca	2	4	12	15	17	21	22	19	12	6	...	2	132
	Furreedpore ...	3	5	9	13	16	20	24	20	14	7	...	3	134
	Burrisaul ...	3	7	7	19	17	23	29	27	22	7	3	...	164
	Mymensing ...	3	3	3	13	17	18	25	20	22	9	3	4	140
	Chittagong ...	3	7	5	8	11	21	23	21	18	6	2	...	125
	Noakhally ...	3	5	7	11	11	19	24	26	19	6	1	...	132
	Tipperah... ...	3	5	6	15	14	20	25	22	16	8	2	...	136
	Rangamati Hill ...	4	7	6	5	10	19	26	28	18	8	4	...	135
	Hill Tipperah ...	4	3	9	11	20	14	24	23	14	6	2	...	130
	Patna	3	4	4	1	9	3	15	13	9	5	...	2	68
	Gya	4	4	3	3	8	3	14	14	6	7	...	2	68
	Arrah	4	4	6	3	8	3	17	15	6	5	...	3	74
Bengal—*concld.* ...	Mozufferpore ...	3	3	1	1	5	2	14	7	5	5	...	1	47
	Durbhanga ...	3	4	1	5	6	3	17	8	7	4	...	3	61
	Chupra	2	4	1	5	6	2	12	11	5	2	...	2	52
	Motihari ...	3	4	1	5	5	5	12	8	3	4	...	2	52
	Monghyr ...	5	3	2	2	8	4	13	18	9	3	...	3	70
	Bhagalpore ...	6	4	2	2	7	6	18	18	7	5	...	2	77
	Purneah ...	2	3	1	6	9	10	19	17	11	2	...	3	83
	Nya Doomka ...	3	4	2	7	10	10	18	19	12	7	...	3	95
	Cuttack	4	9	3	10	9	11	12	18	14	8	...	...	98
	False Point ...	2	5	1	7	8	11	14	18	11	4	3	1	85
	Pooree	1	8	4	3	9	11	10	15	14	9	1	...	85
	Balasore ...	2	5	7	11	14	16	19	22	14	11	...	...	121
	Hazaribagh ...	7	4	6	4	12	14	17	21	9	7	1	4	106
	Ranchee ...	6	5	6	10	9	13	17	20	8	2	2	3	101
	Chyebassa ...	5	3	6	5	11	16	15	21	11	7	1	6	107
	Purulia ...	4	4	7	6	10	14	15	20	12	1	...	2	95
	Silchar	3	7	14	18	19	20	24	20	21	6	4	1	157
	Sibsagar ...	4	9	14	21	21	20	21	18	21	6	5	3	163
	Sylhet	3	3	13	15	23	16	25	13	25	6	2	1	145
Assam ...	Goalparah ...	2	5	7	17	22	17	24	13	24	8	...	2	141
	Tura	3	3	6	13	21	18	30	23	18	7	...	2?	144
	Gauhati	2	3	10	17	24	13	18	11	14	1?	2	2	117?
	Tezpur	2	4	8	19	18	12	22	14	20	6	2	2	129

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Assam—*concld.*	Nowgong ...	2	5	9	15	19	16	19	11	13	6	1	2	118
	Dibrugarh ...	3	8	13	14	19	17	24	13	24	7	5	1	148
	Shillong	1	1?	9	14	25	27	25	20	25	13	1	2	163?
	Samagoodting ...	4	6	14	17	17	20	26	22	15?	5?	2	2?	150?
Central Provinces ...	Nagpur	7	3	3	5	4	14	16	12	8	5	1	4	82
	Chanda	5	1	6	12	2	9	23	21	10	7	...	5	101
	Sironcha ...	2	2	5	8	4	8	19	12	11	13	...	...	84
	Jubbulpore ...	8	4	5	8	6	9	14	17	5	3	...	...	79
	Saugor	8	3	...	6	3	7	11	12	6	5	...	4	65
	Seoni	9	5	4	11	5	14	15	19	14	11	1	8	116
	Hoshangabad ...	4	2	2	2	5	8	13	14	4	2	...	5	61
	Khandwa ...	3	4	...	1	1	6	9	12	4	5	1	3	49
	Pachmarhi ...	10	5	4	7	4	11	15	18	7	4	...	7	92
	Raipur	7	2	2	10	4	10	15	16	8	3	...	3	80
	Sambalpur ...	5	2	2	3	6	7	15	21	5	3	...	3	72
Hyderabad Assigned Districts ...	Amraoti	6	2	2	3	2	13	13	14	5	6	1	7	74
	Akola	5	2	2	...	1	14	10	8	5	4	2	6	59
	Buldana	5	3	4	4	1	15	12	11	7	7	1	5	75
	Chickalda ...	6	3	2?	3	2	11	14	12	14	9	1	5	82?
Bombay ...	Poona	1	2	2	1	2	21	11	16	17	13	1	...	87
	Belgaum ...	...	...	...	4	6	19	18	21	19	25	1	4	117
	Bombay	3	3	2	...	...	19	25	19	17	11	...	...	99
	Kurrachee ...	...	3	1	2	...	...	...	...	2	...	1	2	11
	Deesa	...	2	1	...	1	4	3	...	5	3	...	1	20
	Goa	...	...	...	...	...	23	29	28	18	24	...	2	124
Madras ...	Arcot	...	...	1	1	5	8	6	9	16	12	6	3	67
	Chittoor	...	...	3	1	7	8	3	5	17	15	15	3	77
	Palamnair ...	...	...	3	2	6	5	2	7	19	18	10	2	74
	Vellore	...	...	1	2	8	7	3	10	18	13	14	5	81
	Cuddalore ...	...	...	...	...	4	5	6	8	14	12	16	9	74
	Tindevanum ...	...	...	...	1	6	4	4	3	13	15	11	6	63
	Virdachellum ...	...	...	...	...	3	3	4	4	14	15	6	9	58
	Bellary	...	...	...	3	2	8	6	4	14	15	2	1	55
	Gooty	...	...	1	...	4	8	6	10	18	14	2	...	63
	Mangalore ...	...	...	...	3	6	27	31	30	24	25	6	1	153
	Chingleput ...	1	...	...	...	5	7	3	8	11	12	12	5	64
	Conjevarum ...	1	...	2	...	6	9	6	13	9	11	6	5	68
	Carcor	...	...	1	2	6	...	...	2	9	7	2	5	34

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Years.
Madras - *concld.*	Coimbatore ...	...	...	3	3	6	12	2	11	11	21	17	9	95
	Cuddapah ...	...	...	3	...	4	6	5	5	11	9	5	1	49
	Aska	3	10	7	11	10	9	?	18	17	8	1	1	95?
	Ganjam... ...	1	6	4	4	6	9	15	8	9	2	1	...	65
	Coconada ...	3	4	1	...	5	2	8	9	12	13	...	...	57
	Ellore	3	...	3	1	2	8	6	10	9	11	...	...	53
	Rajamundry ...	3	5	3	1	5	7	8	9	11	10	...	...	62
	Guntoor ...	2	2	3	...	2	5	6	8	13	13	2	1	57
	Masulipatam ...	1	1	4	...	3	7	6	8	14	18	3	2	67
	Kurnool ...	...	...	3	1	4	5	4	9	15	11	1	...	53
	Dindigal ...	...	...	1	2	3	3	3	2	15	18	21	9	77
	Madura ...	...	...	2	1	6	4	2	4	11	19	9	9	67
	Calicut	...	...	...	5	10	27	23	26	19	22	9	6	147
	Cannanore ...	...	...	...	8	4	28	24	23	18	18	6	4	133
	Cochin	...	5	4	14	13	27	23	26	21	25	8	8	174
	Manantody ...	...	1	7	11	4	23	21	25	12	20	4	2	130
	Palghat... ...	...	1	6	1	9	24	19	21	19	18	5	4	127
	Tellichery ...	...	...	...	5	8	24	21	27	17	19	1	5	127
	Nellore	1	1	3	...	4	5	1	3	10	11	7	7	53
	Ongole	...	2	1	...	2	1	1	2	10	11	...	3	33
	Ahtur	...	...	4	2	8	5	...	5	13	17	9	7	70
	Salem	...	...	3	1	8	5	5	8	12	15	5	4	66
	Shevaroy Hills ...	...	...	4	2	7	8	5	5	12	25	7	5	80
	Combaconum ...	...	...	...	...	3	1	2	3	13	8	18	10	58
	Negapatam ...	6	...	...	...	4	2	4	4	9	12	22	15	78
	Tanjore... ...	...	...	...	...	2	3	5	3	9	10	8	10	50
	Tranquebar ...	...	...	...	...	4	1	6	3	8	11	20	14	67
	Tinnevelly ...	...	...	2	3	...	1	...	...	5	12	20	12	55
	Tuticorin ...	...	...	3	3	1	...	...	...	1	6	13	11	38
	Oodiarpallium ...	...	...	...	1	4	5	3	5	7	11	6	11	53
	Trichinopoly ...	...	...	1	1	6	3	3	4	12	17	13	10	70
	Bimlipatam ...	1	4	1	1	5	1	8	5	10	7	2	...	45
	Vizagapatam ...	2	5	2	...	6	5	8	9	10	9	2	...	58
	Vizanagram ...	...	4	1	2	5	1	6	7	8	5	...	...	39
	Bangalore ...	...	...	3	2	11	8	7	12	22	16	6	2	89
	Madras	1	...	1	...	6	9	9	19	13	14	17	9	98
Hyderabad ...	Secunderabad ...	2	1	6	8	7	10	9	7	17	12	1	4	84

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1877.

Provinces.	Names of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Years.
Ceylon	Colombo ...	3	2	8	12	24	23	9	20	22	20	25	22	190
	Ratnapura ...	6	8	21	23	28	25	14	25	21	19	26	19	235
	Puttalam ...	2	...	11	11	16	13	1	6	10	17	21	19	127
	Anuradhapura ...	3	...	12	19	11	9	2	4	12	23	27	24	146
	Mannaar ...	...	...	2	3	3	3	1	...	6	19	23	18	78
	Jaffna	2	...	1	5	3	...	2	...	3	17	20	21	74
	Trincomalee ...	7	...	3	3	5	2	1	3	11	18	22	24	99
	Batticaloa ...	6	5	8	3	8	2	1	3	12	6	19	25	98
	Hambantota ...	...	3	7	9	15	17	5	18	17	18	19	13	141
	Galle	7	4	8	19	22	27	16	27	25	24	22	17	218
	Kandy	2	2	9	20	20	27	16	21	23	25	24	24	213
	Newara Eliya ...	6	6	13	10	20	26	16	26	27	24	30	25	229
Andamans	Port Blair ...	2	3	1	...	13	29	22	30	24	20	16	9	169
Nicobars	Nancowry ...	5	1	6	4	12	24	24	28	19	24	13	16	176

APPENDIX B.

REGISTERS OF ORIGINAL OBSERVATIONS IN 1877, REDUCED AND CORRECTED.

CALCUTTA, JANUARY 1877.

Register of original observations

CALCUTTA—(S. G. O. CHOW-

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation		Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	4 hours	10 hours	16 hours	22 hours	Total miles
1	30·041	30·143	30·015	30·102	30·068	59·0	66·5	73·5	64·5	65·5	75·0	57·5	17·5	123·0	48·0	NNW	NNW	N by E	N	121·5
2	·045	·148	·012	·096	·075	60·5	69·0	74·6	64·0	66·6	76·6	58·5	18·1	127·5	50·9	N	NNE	N by E	SE	112·0
3	·050	·161	·039	·110	·082	60·0	68·5	74·5	64·0	66·8	77·0	58·5	18·5	123·0	46·0	S	SSW	S	S by W	48·0
4	·069	·151	·036	·090	·088	60·5	69·3	73·5	64·5	66·6	77·0	58·9	18·1	128·0	51·0	S by E	S by W	S by W	SSW	68·4
5	·051	·152	·052	·144	·095	60·7	70·0	74·0	64·7	66·8	76·0	59·2	16·8	127·5	51·5	S by W	SSW	WSW	WSW	43·6
6	·100	·194	·047	·121	·115	60·5	69·2	75·0	65·0	66·9	76·6	59·0	17·6	123·0	46·4	WSW	WSW	N by E	N by E	82·0
7	·066	·187	·063	·118	·110	62·7	71·0	76·5	66·5	68·9	78·7	61·4	17·3	127·8	49·1	N by E	N by E	NNE	N	71·3
8	·065	·173	·072	·147	·112	61·5	71·0	76·0	66·0	68·0	77·2	59·2	18·0	114·8	37·6	N	NE	W	W by N	88·3
9	·108	·194	·037	·101	·110	61·8	70·2	75·5	66·2	68·2	77·7	60·5	17·2			W by N	NE	N	N	101·5
10	·054	·151	·019	·092	·075	61·0	71·0	76·4	66·0	68·3	78·0	60·4	17·6			N	N	S	SSW	48·5
11	·048	·168	·034	·142	·093	62·2	71·7	77·4	67·0	69·0	79·0	60·5	18·5			SSW	SSW	E	S by E	31·8
12	·069	·189	·019	·078	·094	63·0	71·8	78·5	69·5	70·0	79·8	62·2	17·6			S by E	S by E	SSE	S	73·7
13	·079	·150	·029	·102	·092	67·0	65·5	64·0	63·5	65·4	69·0	63·5	5·5			SE	ESE	SE	?	143·2
14	·046	·163	·030	·168	·110	62·6	64·0	66·8	62·2	63·8	67·3	61·3	6·0			?	NE	N	?	174·6
15	·135	·242	·142	·217	·176	59·0	65·2	71·0	62·7	64·2	72·0	57·5	14·5			?	NE	N by E	N by E	141·3
16	·185	·301	·176	·252	·219	60·5	65·5	69·5	63·5	64·3	70·5	60·5	10·0			N by E	N by W	ENE	NE	191·2
17	·160	·260	·136	·190	·188	60·2	66·0	73·0	65·7	65·8	73·8	58·3	15·5			N by E	N by E	NW	NNW	79·1
18	·148	·246	·114	·184	·171	61·5	69·2	76·0	67·3	68·1	77·0	60·5	16·5	128·3	51·3	NNW	N by W	NNW	N	79·0
19	·139	·248	·124	·186	·172	62·5	70·5	76·0	66·6	68·7	77·4	62·0	15·4	129·0	51·6	N	N by E	N	N by W	69·0
20	·124	·186	·051	·099	·118	62·0	66·5	72·5	66·5	66·9	74·0	60·6	13·4	129 7	55·7	N	N	NNW	NW	108·5
21	·037	·142	·017	·087	·069	61·8	66·2	74·0	66·2	67·0	75·4	59·5	15·9	127·8	52·4	NW	NW	NW	NW	130·3
22	·046	·151	·010	·078	·067	62·5	68·0	75·5	66·0	67·5	76·6	60·5	16·1	127·7	51·1	NNE	NE	NNE	NE	112·3
23	·054	·154	·076	·128	·105	62·2	65·8	70·0	65·0	65·4	70·0	61·4	8·6			SE	NW	W by S	W by S	103·9
24	·095	·208	·084	·154	·134	61·0	69·5	76·5	66·5	67·9	78·5	59·4	19·1	129·5	51·0	W by S	W by N	NNE	NE	58·9
25	·098	·158	·015	·075	·090	62·0	71·4	76 3	66·0	68·3	77·2	60·0	17·2	129·0	51·8	NE	NE	NNW	NNE	118·2
26	·010	·122	29·990	·051	·047	61·8	69·5	75·9	68·5	68·3	76·5	60·2	16·3	126·5	50·0	NNE	NNE	W	W	102·7
27	·052	·159	30·037	·109	·078	64·0	70·5	76·0	66·6	69·0	77·8	62·5	15·3	131·0	53·2	W by N	W by N	W by N	W	60·4
28	·047	·149	·019	·069	·074	62·0	71·0	77·4	68·5	68·9	78·3	60·5	17·8	134·0	55·7	W	W	W by S	W by S	67·9
29	·023	·089	29·955	29·972	·015	63·4	73·3	78·5	70·0	70·7	79·5	62·5	17·0	136·0	56·5	W by S	WSW	WSW	SW	48·4
30	29·936	·049	·919	·960	29·966	63·7	74·5	82·0	72·5	74·1	83·0	68·5	14·5	138·0	55·0	SW	SW	SSW	SSW	71·3
31	30·001	·068	·908	·965	·983	68·0	69·6	78·0	72·0	72·0	78·0	66·8	11·2	134·5	56·5	WSW	S by E	SW	S by W	87·6
Mean,	30·070	30·170	30·043	30·109	30·096	62·1	69·1	74·7	66·2	67·7	76·1	60·7	15·4	128·4	51·1	...	...	...	...	91·6

DIX B.

in 1877, *reduced and corrected.*

RINGHEE), JANUARY 1877.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rainfall, Inches
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	
1	55·0	59·3	62·2	60·0	59·1	54·0	0·381	0·411	0·410	0·459	0·415	0·386	76	64	50	75	66	78	
2	57·8	62·0	63·6	60·0	60·8	56·5	·445	·464	·443	·466	·454	·432	85	65	51	78	70	88	
3	58·0	62·4	63·5	60·0	61·1	56·5	·457	·484	·440	·466	·462	·432	88	70	51	78	72	88	
4	58·1	61·5	62·0	61·0	60·9	57·0	·453	·444	·414	·491	·450	·441	88	62	49	80	70	88	
5	58·2	62·5	62 8	61·8	60·9	57·0	·454	·467	·424	·514	·465	·437	85	64	51	86	71	77	
6	57·0	62·0	62·5	60·5	60·6	56·5	·420	·461	·400	·469	·437	·425	79	65	46	75	66	85	
7	58·7	62·4	63·6	61·5	61·8	57·8	·443	·451	·486	·481	·465	·432	77	59	54	74	66	80	
8	58·0	62·5	63·3	60·8	61·3	56·8	·437	·454	·413	·465	·442	·431	79	59	46	73	64	85	
9	57·4	62·5	63·2	62·6	61·3	56·7	·415	·464	·419	·521	·455	·412	76	63	47	81	67	78	
10	59·0	62·5	65·0	62·5	62·4	58·0	·475	·454	·466	·521	·479	·451	88	59	52	81	70	85	
11	59·6	64·5	65·9	62·5	63·0	58·5	·478	·511	·485	·507	·495	·466	85	66	51	76	69	88	
12	60·5	65·3	66·0	67·5	64·1	60·0	·496	·539	·473	·648	·539	·490	85	68	48	89	73	88	0·06
13	65·0	64·0	63·2	62·5	64·1	62·5	·592	·578	·570	·554	·573	·554	89	91	97	94	93	95	1·94
14	61·5	62·5	64·0	61·0	62·2	60 3	·534	·547	·560	·522	·541	·512	94	91	86	94	91	94	
15	57·8	61·8	63 0	60·5	60·8	56·0	·464	·508	·470	·500	·485	·430	93	83	61	88	81	91	
16	58·8	61·8	63·0	61·5	61·1	58·8	·476	·507	·490	·521	·499	·476	91	81	67	88	82	90	0·03
17	58·5	63·2	66·0	63·5	62·3	57·6	·469	·544	·547	·558	·429	·467	91	86	67	89	83	96	
18	60·5	64·0	66·6	64·8	63·8	59·0	·516	·528	·528	·581	·538	·481	94	74	60	86	78	91	
19	60·5	64·8	65·2	62·8	63·4	60·0	·503	·538	·479	·522	·511	·493	88	72	54	81	74	89	
20	59·0	61·0	62·5	61·6	61·2	58·3	·461	·465	·434	·484	·461	·459	82	71	54	76	71	86	
21	58·5	60·2	63·0	63·0	61·3	56·6	·448	·443	·430	·534	·464	·432	82	68	51	83	71	82	
22	59 3	62·0	63·0	61·2	61·5	58·0	·465	·477	·410	·478	·457	·450	82	69	46	75	68	85	
23	59·3	61·4	62·5	62·3	61·4	58·5	·468	·487	·467	·526	·487	·454	85	78	63	86	78	83	
24	59·6	64·5	65·0	62·0	62·7	58·0	·492	·541	·465	·497	·499	·465	94	75	50	76	74	91	
25	58·5	63·4	62·3	62·2	61·7	57·5	·446	·478	·376	·517	·454	·442	80	61	41	81	66	85	
26	58·8	60·8	65·0	65·0	62·4	58·0	·458	·418	·473	·572	·480	·454	82	58	54	81	69	87	
27	61·8	62·0	63·0	62·3	62·9	60·8	·525	·444	·403	·519	·473	·511	88	59	44	83	69	91	
28	59·0	66·0	61·8	63·7	62·2	58·5	·461	·574	·345	·527	·477	·466	82	75	37	77	68	88	
29	61·4	69·4	68·5	66·8	66·3	61·0	·519	·667	·564	·615	·591	·518	88	82	58	84	78	92	
30	67·7	70·5	72·4	70·5	70·3	66·0	·666	·694	·667	·721	·687	·607	94	81	61	90	81	87	
31	66·3	67·5	71·5	70·0	68·8	65·3	·625	·647	·686	·708	·666	·606	92	89	71	90	86	92	0·87
Mean,	59·6	63·2	64·4	62·8	62·5	58·6	0·482	0·506	0·472	0·531	0·498	0·468	86	71	55	82	74	87	2·90

CALCUTTA (S. G. O. CHOWRINGHEE), FEBRUARY 1877.

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation		Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·901	30·001	29·888	29·977	29·939	70·0	73·5	77·5	69·0	72·7	78·0	69·0	9·0	134·0	56 0	SSW	NW	NW	N	114·8
2	·920	·011	·934	·968	·961	65·0	62·5	58·6	59·5	62·2	68·5	58·6	9·9			NNE	S	SSW	S by W	113·6
3	·918	·013	·902	·951	·949	58·5	65·0	71·3	65·5	64·5	71·3	57·8	13·5	135·0	63·7	SSW	N by E	ESE	E	41·9
4	·815	29·914	·814	·903	·874	63·5	60·5	59·7	60·5	61·3	65·0	56·0	9·0			E by N	N.	SSE	NE	161·0
5	·857	·950	·830	·901	·883	58·3	63·0	72·7	64·5	64·2	73·3	57·8	15·5	125·0	51·7	N by W	N by E	N	NNW	105·6
6	·873	·992	·895	·972	·928	62·0	67·0	71·5	65·4	66·4	73·0	61·5	11·5	134·0	61·0	N. by W	E.	ENE	E	76·1
7	·918	·980	·862	·976	·926	63·0	69·0	63·2	62·0	65·4	75·2	61·5	13·7	129·0	53·8	ESE	E by S	ENE	NE	124·6
8	·918	30·000	·889	·961	·947	60·5	64·0	67·3	64·5	63·9	68·5	60·5	8·0			E by N	ESE	NW	NW	199·8
9	·933	·050	·979	30·028	·993	62·0	68·3	71·7	63·5	66·3	72·0	61·5	10·5	132·8	60·8	NNW	NNE	NNW	N	87·5
10	30·005	·141	30·016	·090	30·059	58·0	64·9	71·0	61·5	63·5	71·0	56·5	14·5	126·5	55·5	N	N by W	N	N by E	143·4
11	·038	·120	·016	·047	·059	57·5	66·0	70·5	65·5	64·1	71·0	56·0	15·0	129 0	58·0	E	NE	W by N	W by N	105·0
12	29·994	·107	29·991	·044	·033	61·6	67·0	73·0	65·0	66·1	73·2	59·5	17·3	127·1	53·9	W by N	NE	N	ENE	40·0
13	30·019	·120	30·018	·094	·054	61·0	67·7	73·0	67·0	66·7	74·4	59·0	15·4	127·8	53·4	ENE	NE	NNE	NNE	83·4
14	·074	·192	·106	·162	·129	63·0	69·3	73·5	65·0	67·4	74·5	59·8	14·7	133·5	59·0	NNE	NE	NW	NNW	111·8
15	·127	·223	·086	·112	·140	60·8	69·0	74·5	64·8	66·8	75·0	59·6	15·4	130·0	55·0	NNW	NE	NW	NW	99·4
16	·069	·176	·055	·102	·103	60·0	69·5	75·0	64·3	66·5	75·2	58·0	17·2	131·0	55·8	NW	NNE	WNW	W by N	52·8
17	·085	·187	·054	·125	·111	59·1	69·6	76·2	64·0	66·5	76·2	58·5	17·7	131·0	54·8	SW	SW	NW	WNW	76·9
18	·086	·196	·071	·117	·117	59·5	70·5	76·4	65·5	67·1	76·4	57·8	18·6	130·4	54·0	WNW	WNW	SW	SW	72·3
19	·097	·192	·082	·155	·127	61·3	68·8	76·0	65·0	67·4	76·2	60·0	16·2	132·0	55·8	SW	SW	NW	WNW	92·3
20	·108	·206	·068	·130	·131	61·0	71·8	78·6	66·6	68·6	78·6	59·0	19·6	133·0	54·4	WNW	WNW	WNW	W by N	66·1
21	·092	·163	·028	·099	·096	61·5	72·0	80·0	69·5	69·9	80·0	60·2	19·8	133·0	53·0	W by N	W by N	S	SSE	33·3
22	·033	·135	·022	·043	·060	65·2	74·5	80·5	70·0	72·2	81·4	63·0	18·4	134·4	53·0	S by E	SSW	S	S by W	71·9
23	29·982	·110	29·972	·043	·028	66·7	76·1	82·5	72·5	74·0	84·8	65·7	19·1	140·5	55·7	S by W	S by W	S	S by W	92·3
24	30·017	·136	30·011	·086	·060	69·7	77·3	84·5	74·2	75·9	84·5	69·0	15·5	136·0	51·5	S by W	NE	W by N	W by N	98·5
25	·052	·173	·004	·071	·080	68·0	75·5	84·2	71·2	74 6	84·2	66·5	17·7	136·4	52·2	NNE	NNE	WNW	WNW	91·2
26	·031	·125	·008	·052	·054	65·5	76·2	83·2	70·5	73·1	83·2	63·6	19·6	137·0	53·8	WNW	N by W	NNW	NW	138·3
27	·004	·112	29·993	·018	·035	64·6	76·2	84·7	71·5	73·3	84·7	62·5	22·2	137·3	52·6	NW	N	WNW	W by N	108·6
28	29·962	·092	·975	·030	·011	67·6	78·4	86·0	72·5	75·1	86·0	66·0	20·0	137·4	51·4	W by N	W	W	WSW	100·8
Mean,	29·997	30·101	29·985	30·045	30·032	62·7	69·8	74·9	66·4	68·0	76·3	60,8	15·4	132·5	55·2	...	...	...	...	96 6

CALCUTTA (S. G. O. CHOWRINGHEE), FEBRUARY 1877.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rainfall, inches
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	
1	68·7	68·7	69·5	63·2	67·9	62·0	0·680	0·639	0·615	0·499	0·608	0·464	94	78	65	72	77	65	
2	61·3	60·0	56·6	57·8	59·2	56·5	·493	·486	·434	·456	·467	·432	80	85	87	90	85	88	0·29
3	57·0	61·0	60·8	61·7	60·0	56·5	·447	·485	·395	·501	·457	·441	90	78	51	81	75	92	
4	60·2	57·0	57·8	59·4	59·3	54·8	·479	·420	·453	·494	·461	·416	83	79	90	94	87	93	0·62
5	57·3	60·0	63·6	62·5	60·6	56·6	·457	·479	·469	·540	·486	·444	93	83	58	89	81	93	
6	61·2	65·0	65·0	63·0	63 6	61·0	·531	·592	·532	·544	·550	·531	97	89	68	89	86	97	0·05
7	61·5	62·8	61·5	60·6	62·5	60·2	·527	·490	·528	·511	·514	·506	91	70	91	94	86	92	1·00
8	59·6	62·9	65·5	63·4	62·4	59·2	·497	·502	·608	·564	·558	·488	97	94	92	94	94	92	0·30
9	61·0	65·0	63·5	61·3	62·8	60·8	·525	·576	·480	·509	·522	·523	94	84	62	88	82	96	
10	57·2	55·0	59·0	58·5	57·6	54·2	·454	·302	·341	·452	·387	·392	96	50	44	82	68	85	
11	54·7	58·0	60·0	62·0	58·2	53·0	·393	·377	·379	·511	·415	·364	84	58	50	81	68	81	
12	59 0	59·0	62·5	61·8	60·7	57·2	·468	·395	·426	·491	·445	·440	85	59	52	83	70	86	
13	58·6	59·5	62·2	63·5	60·6	56·0	·459	·414	·416	·539	·457	·410	88	60	52	81	70	82	
14	60·5	59·2	59·5	60·5	60·5	55·7	·495	·371	·324	·469	·417	·391	85	51	39	75	62	76	
15	57·2	58·0	61·5	61·2	59·5	56·0	·423	·337	·361	·495	·404	·404	79	47	44	80	62	63	
16	56·0	57·5	60·0	59·4	58·4	55·0	·397	·317	·319	·443	·369	·394	76	44	36	75	58	59	
17	55·2	57·5	59·6	59·6	58·0	54·5	·384	·317	·294	·453	·362	·374	78	44	32	78	58	57	
18	56·5	58·6	61·2	60·5	59·3	55·0	·425	·336	·348	·463	·393	·398	82	46	37	73	59	61	
19	59·0	58·5	58·5	60·0	59·2	57·0	·472	·358	·238	·453	·380	·427	88	51	29	73	60	59	
20	57·0	62·3	63·0	62·2	60·6	56·0	·414	·439	·370	·501	·431	·410	76	55	37	78	62	60	
21	59·0	65·0	65·3	64·2	62·9	58·0	·468	·525	·429	·530	·488	·455	85	66	42	74	67	66	
22	63·0	66·0	68·5	63·5	65·6	61·2	·548	·527	·535	·500	·528	·513	89	61	51	68	67	69	
23	64·5	70·0	71·6	68·0	67·9	63·6	·579	·654	·624	·626	·621	·561	89	72	58	78	74	72	
24	67·5	70·5	71·0	70·4	69·7	67·3	·644	·654	·579	·685	·640	·647	89	71	48	83	73	72	
25	62 2	63·8	67·4	67·0	65·1	59·5	·491	·571	·440	·608	·528	·423	71	50	38	89	60	57	
26	61·5	62·5	64·2	64·3	63·2	58·5	·495	·385	·348	·521	·437	·432	78	43	30	70	55	55	
27	61·0	65·0	65·0	65·0	63·9	59·5	·491	·470	356	·532	·462	·410	80	52	30	68	57	57	
28	63·8	65·5	68·4	66·5	65·6	63·0	·543	·455	·459	·570	·507	·537	81	48	36	71	59	57	
Mean,	60·0	61·9	63·3	62·9	62·0	58·1	0 489	0·462	0·432	0·516	0·475	0·451	86	63	52	80	70	74	2·26

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation		Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·990	30·072	29·949	30·008	30·005	68·2	78·7	87·0	73·0	76·0	87·0	66·0	21·0	138·5	51·5	WSW	WSW	NW	NW	97·9
2	·933	·052	·928	·000	29·975	68·0	79·0	86·5	74·5	76·5	87·0	67·0	20 5	140·5	53·5	WNW	W by N	S by W	SW	111·5
3	·981	·077	·945	·001	30·000	70·0	81·0	87·5	75·0	77·7	88·0	67·5	20·5	142·0	54·0	N	ESE	S	SSW	104·2
4	·928	29·988	·843	29·902	29·920	71·0	80·0	85·5	76·0	77·5	86·5	69 0	17·5	141·5	55·0	SW	ENE	SSW	SW	82·8
5	·854	·929	·791	·903	·864	74·0	79·3	85·2	74·5	78·3	86·5	73·5	13·0	144·0	57·5	SW	SW	SSW	S by W	102·2
6	·838	·942	·812	·917	·880	74·0	80·1	88·2	76·5	79·2	88·5	73·5	15·0	141·7	53·2	S by W	SSW	SSW	N	179·5
7	·862	·994	·865	·966	·918	70·0	79·5	88·0	76·2	77·9	88·0	68·5	19 5	142·0	54·0	SSE	S by W	NW	S by E	204·0
8	·922	·993	·863	·936	·934	71·5	81·5	88·5	77·0	79·0	88·5	71·0	17·5	144·0	55·5	SSE	S by W	S by W	S by W	116·5
9	·868	·964	·847	·923	·906	73·0	82·0	87·0	76·7	79·1	87·2	71·5	15·7	142·5	55·3	S	SSW	S	S	148·4
10	·860	·937	·799	·901	·880	74·2	83·8	85·5	77·5	80·1	90·0	74·0	16·0	144·0	54·0	S by E	SSW	S by W	SSW	131·2
11	·838	·947	·839	·911	·882	72·5	82·2	88·0	76·8	79 3	88·8	71·5	17·3	146.0	57·2	S by E	SSW	S by W	S by W	191·9
12	·867	·962	·866	·929	·905	74·0	82·4	85·7	78·0	80·0	89·5	73·5	16·0	143·0	53·5	S by W	SSW	S	S by W	195·5
13	·938	30·039	·926	·973	·964	76·5	83·0	88·0	78·0	81·0	88·5	76·2	12·3	144·7	56·2	S by W	W by N	SW	WSW	164·5
14	·932	·027	·899	·950	·954	73·5	83·3	92·2	80·0	81·5	92·2	71·5	20·7	143.0	50·8	WSW	SW	W by N	W by S	142 4
15	·905	29·998	·931	·985	·952	76·3	85 5	86·5	78·5	81·2	90·5	74·6	15·9	145·5	55·0	WSW	SW	NW	NW	127·5
16	·926	·962	·917	·948	·944	73·8	77·6	80·5	73·7	76·9	84·2	72·5	11·7	140.0	55·8	NW	NE	NNW	N	139·2
17	·945	30·031	·889	·950	·954	66·6	74·0	83·0	73·0	73·8	83·0	66·5	16·5	139·5	56·5	?	WSW	W	?	158·5
18	·920	29·986	·854	·966	·933	70·2	79·0	88·0	75·5	77·3	86·0	70·0	16·0	143·0	57·0	?	SW	SW	?	382·4
19	·898	·970	·835	·916	·910	72·3	82·0	88·0	77·4	79·0	88·0	71·8	16·2	149·0	61·0	?	SSW	SSW	S by W	114·0
20	·845	·928	·795	·863	·863	75·0	83·3	88·2	77·5	80·7	89·0	74·0	15 0	146·0	57·0	S by W	S	S by E	S	131·0
21	·805	·871	·739	·796	·804	76·2	85·5	87·8	79·0	81·7	90·0	76·0	14·0	142.0	52·0	S by W	SSW	SSE	S	255·0
22	·742	·832	·734	·814	·778	76·3	86·0	93·0	80·0	83·4	93·9	76·0	17·9	146·3	52·4	S by W	SSW	SSW	S by W	250·2
23	·765	·894	·808	·915	·838	78·0	85·5	93·8	80·2	83·8	93·8	77·0	16·8	143·0	49·2	SSW	SW	SSW	SSW	244·3
24	·847	·946	·805	·934	·883	77·5	84·0	92·8	78·0	83·1	92·9	77·0	15·9	144·8	51·9	SSW	SSW	S	NW	186·6
25	·830	·915	·802	·951	·873	77·2	81·5	87·0	77·5	80·5	88·0	76·4	11·6	147·5	59·5	SSW	SW	SSW	?	164·9
26	·857	·953	·807	·888	·878	74·7	84·3	89·5	76·7	81·3	90·5	74·5	16·0	143·0	52·5	?	SSW	S	S by W	150·3
27	·819	·938	·790	·874	·856	76·6	81·5	89·5	79·5	81·9	90·0	76·4	13·6	147·0	57·0	S by W	SW	S	S by W	97·7
28	·796	·957	·772	·810	·837	77·9	75·8	80·5	77·0	78·3	80·5	75·8	4·7	127·0	46·5	SSW	N	S by W	SSW	85·4
29	·763	·890	·775	·847	·812	76·5	85·0	92·0	81·0	83·1	92·2	76·3	15·9	143·2	51·0	SSW	NNW	W	SSW	111·3
30	·889	·949	·839	·915	·892	71·4	78·5	84·5	78·0	78·3	85·5	71·0	14·5	146·0	60·5	NE	S	S by W	SSW	144·2
31	·874	·947	·862	·999	·917	76·8	75·0	78·2	74·5	76·3	81·2	74·0	7·2	128·0	46·8	NNW	SE	S	NNW	152·2
Mean,	29·872	29·964	29·843	29·922	29·900	73·7	81·3	87·2	77·1	79 5	88·2	72·7	15·5	142·5	54·3					147·3

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rainfall, inches
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	
1	62·1	64·2	67·0	66·0	64·9	61·5	0·478	0·408	0·395	0·547	0·457	0·488	69	41	30	67	52	76	
2	63·8	65·5	65·3	66·0	65·5	63·5	·537	·449	·341	·527	·464	·540	79	55	27	61	55	82	
3	63·8	66·5	69·7	67·8	66·8	63·5	·511	·460	·488	·585	·511	·534	70	43	38	68	55	79	
4	66·5	67·2	67·0	72·5	68·0	65·0	·592	·497	·415	·753	·564	·565	78	41	33	83	59	80	
5	72·5	74·5	70·8	68·0	71·6	66·8	·780	·791	·561	·599	·683	·570	92	65	47	70	68	69	
6	73·0	75·0	73·0	71·6	73·4	70·5	·800	801	·608	·710	·730	·708	95	78	46	79	75	86	0·03
7	67·6	74·5	70·5	72·0	70·6	66·4	·645	·788	·512	·730	·669	·622	89	78	38	81	71	90	
8	70·5	75·8	72·5	73·5	72·8	70·3	·734	·816	·584	·780	·728	·733	95	76	43	84	75	96	
9	72·0	77·0	74·8	74·5	74·6	70·8	·773	·862	·699	·826	·790	·747	95	78	55	90	79	97	
10	73·0	76·5	77·8	73·4	75·5	72·5	·797	·815	·850	·769	·808	·780	95	71	68	81	79	93	0·02
11	69·0	76·6	79·0	74·8	74·4	68·5	·668	·842	·871	·837	·803	·658	82	76	65	90	78	85	
12	72·8	75·3	77·7	75·7	75·3	72·5	·792	·783	·843	·859	·819	·787	95	70	68	90	81	95	
13	75·0	71·5	72·0	70·0	72·9	70·0	·849	·618	·571	·627	·666	·651	92	54	43	65	61	72	
14	68·5	71·7	72·4	72·8	71·3	66·5	·631	·622	·530	·711	·624	·585	76	54	35	70	59	76	
15	70·0	71·5	72·5	70·5	71·2	69·5	·650	·585	·611	·640	·621	·655	72	48	48	65	58	77	
16	68·5	70·0	70·5	68·0	69·5	67·1	·627	·633	·613	·610	·621	·600	76	67	59	74	69	74	
17	64·5	67·0	70·0	67·5	66·8	63·8	·586	·569	·560	·601	·579	·558	89	67	49	74	70	86	0·70
18	67·0	73·4	74·0	72·0	71·4	66·8	·620	·748	·679	·739	·697	·616	84	75	54	83	74	84	
19	70·4	76·0	72·0	74·2	72·5	70·0	·719	·818	·571	·804	·728	·711	92	74	43	86	74	91	
20	73·0	77·7	76·0	75·0	75·6	73·0	·786	·876	·734	·836	·808	·800	90	77	55	88	77	95	
21	75·0	77·5	80·5	76·5	77·4	74·9	·853	·836	·944	·880	·878	·852	95	68	72	88	81	95	
22	74·0	77·5	80·2	78·0	77·4	73·7	·810	·830	·859	·933	·858	·802	90	66	56	91	76	89	
23	76·2	77·4	78·5	77·4	77·6	75·6	·881	·832	·769	·903	·846	·873	93	68	49	88	74	93	
24	75·7	77·5	80·9	70·0	76·6	69·5	·866	·857	·895	·627	·811	·621	93	73	59	65	73	67	
25	72·5	77·4	79·5	72·5	75·0	70·8	·737	·886	·908	·733	·816	·680	79	82	70	77	77	75	
26	72·0	70·0	76·0	74·0	72·9	70·0	·750	·543	·716	·778	·697	674	88	46	51	79	66	79	
27	74·5	77·4	80·5	76·5	77·1	74·5	·827	·886	·920	·873	·876	·830	90	82	66	86	81	91	
28	75·5	72·0	72·5	73·0	73·9	71·2	·852	·735	·692	·759	·760	·704	90	83	66	81	80	79	
29	74·8	72·3	72·0	72·0	73·3	70·3	·841	·623	·517	·665	·662	·661	92	52	34	62	60	73	
30	67·5	70·5	76·5	74·7	71·9	67·0	·623	·640	·806	·816	·721	·610	82	65	68	86	75	80	0.12
31	73·0	70·5	69·0	68·5	70·5	66·5	·762	·687	·587	·618	·664	·552	83	79	61	72	74	66	0·01
Mean,	70·8	73·1	73·9	72·2	72·5	69·1	0·722	0·714	0·666	0·731	0·708	0·670	86	66	51	78	71	83	0·88

Date	Barometer reduced to 32°*					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	?	30·088	29·942	30·000	30·009	?	71·0	81·9	71·4	73·4	82·0	66·1	15·9	143·9	61·9	59·3	6·8	?	NE by E	SW by W	SE by S	61
2	30·012	·088	?	·033	?	68·3	78·6	?	74·7	71·9	89·3	66·9	22·4	149·1	59·8	58·7	8·2	ESE	ENE	SW	S	91
3	29·990	·056	·966	·028	·009	73·9	81·7	67·8	66·3	70·9	89·0	72·8	16·2	?	?	68·0	4·8	S	SSW	N by E	SE by S	121
4	·999	·062	·914	29·984	29·989	67·8	77·7	85·7	69·0	73·2	86·3	65·5	20·8	150·5	64·2	61·0	4·5	SSW	E	SSW	ESE	129
5	·944	29·996	·849	·889	·919	69·5	77·5	81·9	71·7	73·9	82·6	67·9	14·7	149·0	66·4	63·7	4·2	NE	ENE	SSE	SE	177
6	·886	·909	·753	·855	·849	69·7	82·5	85·6	73·8	76·2	87·6	69·0	18·6	152·0	64·4	64·1	4·9	SW	SSW	S by W	ENE	178
7	·821	·883	·811	·867	·845	70·7	70·7	70·7	67·6	69·6	72·0	68·5	3·5	?	?	65·9	2·6	SE by E	E	ESE	ENE	240
8	·810	·869	·758	·817	·813	68·0	75·7	84·4	75·7	74·4	84·6	67·5	17·1	156·4	71·8	62·2	5·8	NE by E	ENE	N by E	SSE	96
9	·852	·884	·722	·830	·810	69·5	83·2	86·7	76·7	77·1	89·3	68·5	20·8	157·1	67·8	65·2	3·3	ENE	S	S	NE by E	120
10	·860	·920	·792	·928	·874	69·7	83·9	83·7	68·1	74·6	88·3	69·0	19·8	150·9	62·1	66·2	2·3	ESE	SSW	S	E	208
11	·924	·970	·855	·952	·924	69·9	80·7	78·8	72·2	74·1	82·3	67·9	14·4	150·0	67·7	66·7	1·2	SE by E	SSE	E	S	178
12	·880	·941	·783	·896	·873	71·2	80·5	85·7	71·3	75·7	87·8	70·8	17·0	152·9	65·1	65·2	5·6	SSW	ESE	SE	SSE	139
13	·858	·929	·810	·854	·862	69·7	81·7	87·9	77·0	77·3	89·2	69·0	20·2	153·0	63·8	64·2	4·8	SSW	S	S	S	133
14	·848	·924	·813	·847	·857	75·9	84·5	90·8	79·8	81·3	91·2	75·5	15·7	150·8	59·6	73 0	2·5	SSW	SSW	WSW	SSW	169
15	·832	·896	·797	·846	·842	76·2	86·7	91·8	79·7	81·8	95·1	75·3	19·8	153·0	57·9	72·2	3·1	SSW	SW	SSW	S	150
16	·868	·911	·784	·871	·858	78·9	87·0	92·8	80·5	83·3	94·7	78·5	16·2	151·0	56·3	75·4	3·1	SSW	SW	W	SE	141
17	·843	·008	·783	·840	·843	78·2	88·8	95·9	81·0	84·2	96·7	77·0	19·7	154·0	57·3	72·0	5·0	S	SW by W	W	SSW	122
18	·842	·888	·767	·856	·837	78·5	91·0	91·3	79·5	83·3	97·1	77·2	19·9	155·0	57·9	74·5	2·7	S	SW by S	S	SE	147
19	·828	·900	·786	·840	·838	84·5	88·8	95·7	82·2	86·1	97·6	78·8	18·8	155·2	57·6	73·7	5·1	SW by S	SW by S	W by N	SSW	131
20	·811	·881	·747	·796	·808	77·9	90·7	97·6	81·9	85·1	98·6	77·5	21·1	153·9	55·3	72·7	4·8	SW by S	WNW	NW	W	149
21	·787	·835	·682	·745	·760	78·7	88·8	94·6	79·0	83·5	97·7	78·0	19·7	153·3	55·6	73·7	6·3	SSW	SW by S	S	S by W	95
22	·760	·784	·630	·691	·714	77·9	87·8	97·5	79·9	84·0	97·7	77·5	20·2	156·5	58·8	72 5	5·0	SW by S	SW by S	WSW	SSW	127
23	·693	·746	·653	·721	·702	78·5	90·7	94·0	79·0	83·8	97·6	77·9	19·7	157·8	60·2	75·2	2·7	SSW	SSW	S	SSW	195
24	·702	·757	·649	·726	·708	77·9	89·8	97·4	79·9	84·3	98·4	77·2	21·2	156·2	57·8	74·1	3 1	SW by S	SSW	S	S	171
25	·704	·756	·648	·725	·707	76·5	93·6	98·5	83·0	85·7	100·4	76·0	24·4	159·1	58·7	69·2	6·8	S	SW by W	W	SSE	116
26	·687	·741	·629	·698	·688	78·7	92·0	96·4	85·7	86·3	99·1	78·0	21·1	156 9	57·8	72·2	5·8	S	E	N by W	S	84
27	·705	·786	·654	·746	·722	78·7	91·8	98·2	81·2	85·6	98·7	77·5	21·2	160·0	61·3	71·8	5·7	S	S	SW	ENE	145
28	·759	·822	·700	·742	·755	77·7	91·6	95·8	81·2	84·7	98·9	77·5	21·4	158·0	59·1	70·7	7·0	SSE	NW	SW by W	SSW	121
29	·748	·807	·684	·767	·751	77·4	90·1	96·1	79·9	83·8	98·7	75·5	23·2	156·8	58·1	69·2	6 3	S	SSW	SSW	SW	131
30	·782	·824	·692	·811	·776	79·4	89·8	94·8	77·5	83·6	97·4	77·0	20·4	156·3	58·9	70·0	7·0	E	SE	W	ENE	142
Mean,	29·839	29·892	29·760	29·837	29·826	74·8	85·0	89·7	76·9	79·8	92·2	73·4	18·8	153·9	60·8	68·8	4·6					140·2

* + ·099 is to be added to all the Barometric Readings of this month.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	?	68·1	71·8	68·6	?	64·7	?	0·648	0·647	0·661	?	0·592	?	85	60	85	?	92	...		9	9	0	*o. g.*		
2	67·2	72·7	?	69·9	?	66·1	0·655	·724	?	·666	?	·629	95	74	?	77	?	95	...	2	3	3	0	Cs. *c.*	K. *c.*	*b.*
3	72·7	74·9	67·0	65·0	69·9	66·5	·792	·772	·650	·602	·719	·569	95	71	95	94	95	70	1·14	9	8	10	5	P. *o.*	K. *o.*	*c.*
4	66·0	72·6	70·5	65·3	68·6	64·9	·614	·735	·546	·574	·641	·610	90	77	44	81	78	97	...	5	2	3	2	C. *c.*	K. *c.*	*c.*
5	67·0	70·9	72·9	68·0	69·6	65·1	·630	·671	690	·636	·668	·581	87	71	63	85	80	85	...	9	1	7	5	*o. g.*	Ck. *c.*	*c.*
6	67·5	73·0	74·3	71·7	71·6	67·4	·648	·685	·698	·751	·715	·652	90	61	57	90	79	92	...	3	0	0	2	Ck. *c.*	*b.*	*b. c.*
7	68·5	66·0	67·8	66·6	67·2	66·2	·672	·577	·641	·640	·635	·618	90	77	85	95	87	90	0·51	3	7	9	3	Pk. *c. r.*	*o. r.*	*r. g. r.*
8	67·0	72·4	73 2	72·9	71·4	66·8	·650	·754	·671	·771	·730	·649	95	85	57	86	86	96	...	2	3	3	0	K. Ck. *c.*	K. *c.*	*b.*
9	67·0	75·9	77·9	75·1	74·0	66·5	·630	·798	·835	·852	·801	·625	87	70	65	93	86	90	...	2	4	2	2	K. *c.*	K. *o.*	*c. d. t.*
10	68·8	76·0	76·2	65·6	71·7	67·9	·692	·791	·804	·597	·738	·671	95	68	69	87	86	95	0·85	0	3	10	4	K. P. *b. c.*	Pk. *o.*	*o. g. p.*
11	69·0	76·9	71·9	70·4	72·0	66·9	·697	·872	·690	·718	·759	·648	95	83	70	90	90	95	...	8	9	7	7	*o.*	Pk. *c.*	*c. o.*
12	69·9	74·3	?	68·8	?	69·5	·716	·769	?	·672	?	·706	94	74	?	88	?	94	0·09	2	2	10	7	C. Cs. *c.*	*o.*	*a. t. d.*
13	69·0	75·7	79·1	75·0	74·7	67·3	·700	·810	·874	·843	·828	·646	96	74	66	91	88	91	...	0	2	4	2	*b. c.*	KC. *c.*	C. *c.*
14	74·7	79·3	73·9	73·9	75·5	74·3	·848	·934	·610	·757	·804	·836	95	79	42	74	74	95	...	3	2	3	0	K. *c.*	KC. *c.*	*b.*
15	74·9	78·6	80·2	78·4	78·0	74·2	·850	·871	·876	·956	·906	·883	94	68	59	94	83	95	...	1	1	4	2	K. *c.*	KC. *c.*	Cs. C. *c.*
16	77·9	78·9	76·7	76·9	77·6	76·0	·944	·881	·704	·879	·870	865	95	69	45	85	76	89	...	1	2	7	0	Ck. *c.*	CK. *c.*	*c. b.*
17	76·9	78·9	72·8	77·1	76·4	76·3	·910	·854	·498	·878	·803	·899	94	63	29	83	68	97	...	1	0	2	3	C. *c. b.*	K. *c.*	C. *c.*
18	77·4	78·9	80·0	70·9	76·8	76·9	·928	·827	·873	·644	·835	·923	95	57	60	64	73	99	...	2	0	8	3	Cs. *c. b.*	C. *c.*	Cs. Ck. *c.*
19	75·3	76·4	74·9	71·9	74·6	76·2	·757	·742	·583	·647	·703	·871	64	54	34	59	56	89	...	2	0	8	0	*b. c.*	CK. *b. c,*	*b. c.*
20	76·6	83·9	73·9	70·9	76·3	75·9	·901	1 068	·519	·610	·786	·876	94	74	29	56	64	93	...	0	0	0	0	*b.*	*b.*	*b.*
21	77·7	79·9	77·6	76·1	77·8	77·5	·937	0·900	·717	·861	·877	·938	95	66	44	87	76	98	...	2	1	3	0	*c.*	CS. *c.*	*b.*
22	75·9	77·9	73·4	77·9	76·3	75·9	·869	·822	·500	·930	·804	·876	91	62	28	91	69	93	...	2	2	3	5	K. *c.*	KC. *c.*	*c. b.*
23	77·7	80·9	76·6	76·1	77·8	74·3	·937	·921	·680	·861	·873	·802	95	63	42	87	75	84	...	1	2	8	0	*b.*	KC. *c.*	C. *c. b.*
24	77·0	80·9	77·9	76·9	78·2	75·3	·916	·934	·693	·886	·885	·852	95	66	39	87	75	91	...	0	0	0	1	*b.*	*b.*	Cs. *c.*
25	75·4	73·9	75·7	73·7	74·7	75 2	·868	·573	·580	·709	·713	·862	95	37	31	62	58	95	...	0	0	7	0	*b.*	CK. C. *c.*	*c. b.*
26	75·4	78·4	76·9	74·7	76·4	77·2	·838	·790	·662	·713	·776	·922	85	52	39	58	61	95	....	2	1	7	7	K. Ck. *c.*	KC. *c.*	C. Cs. *c.*
27	76·9	78·9	77·9	74·9	77·2	74·0	·899	·813	·683	·783	·827	·794	91	54	38	74	66	84	...	2	1	7	3	K. Cs. *c.*	KC. *c.*	C. *c.*
28	76·7	74·8	73·4	73·2	74·5	76·0	·907	·634	·520	·711	·721	·901	95	43	30	67	60	95	...	2	2	7	2	K. *c.*	KC. *c.*	C. *c.*
29	73·9	76·9	74·8	72·4	74·5	72 5	·792	·750	·577	·696	·731	·760	84	53	34	68	63	86	...	1	6	8	1	K. Ck.	KCs. *c.*	C. *c. b.*
30	77·7	76·9	75·1	72·1	75·5	75·0	·927	·750	·606	·714	·777	·843	92	53	38	75	67	61	...	2	1	7	5	K. *c. b.*	KC. *c. b.*	*o. g. p. d.*
Mean	73·0	76·1	74·8	72·4	74·4	71·6	0·797	0·789	0·665	0·741	0 775	0·762	92	66	50	80	75	92	2·59	2·38	2·47	5·53	2·37			

CALCUTTA (ALIPORE)—MAY, 1877.

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·799	29·834	29·703	29·802	29·789	74·4	89·3	90·9	75·2	80·0	95·3	72·9	22·4	153·6	58·3	67·7	5·2	S	S	SSW	ENE	205
2	·776	·816	·651	·746	·752	73·2	89·3	94·7	83·2	82·5	95·5	72·0	23·5	157·5	62·0	67·2	4·8	SSE	SSW	S	S	156
3	·748	·785	·699	·761	·751	73·7	89·0	93·0	79·7	81·3	96·5	72·5	24·0	156·0	59·5	68·1	4·4	SE	SW	SS	S	171
4	·751	·816	·700	·806	·771	77·8	91·9	97·9	85·0	85·8	98·2	76·5	21·7	157·8	59·6	72·7	3·8	S	SW	S by E	S	130
5	·788	·845	·689	·740	·771	74·4	85·7	93·3	78·5	80·0	97·5	70·1	27·4	153·5	56·0	67·2	2·9	ESE	SSW	SW by S	S	...
6	·652	·755	·655	·666	·685	79·5	89·3	89·8	79·8	82·8	94·4	78·1	16·3	160·2	65·8	70·7	7·4	SW	WNW	S	S	202
7	·704	·764	·667	·718	·717	73·7	87·8	92·8	77·7	80·6	94·5	73·0	21·5	153·0	58·5	66·2	6 8	SW	SSW	SW by S	N	112
8	·753	·853	·727	·853	·801	76·0	87·2	93·4	76·4	81·3	94·0	75·7	18·3	153·1	59·1	71·0	4·7	SE by E	S	S	NW	131
9	·862	·885	·751	·798	·828	71·2	82·4	90·6	77·9	77·9	93·8	70·3	23·5	148·0	54·2	67·5	2·8	ESE	NW	W	S	148
10	·743	·779	·637	·732	·727	78·7	87·5	91·8	80·9	82·8	94·3	77·0	17·3	156·5	62·2	72·2	4·8	S	S W by S	S by E	S	170
11	·710	·766	·628	·688	·702	79·4	89·9	98·0	81·2	84·8	99·3	78·5	20·8	154·9	55·6	74·0	4·5	S	SSW	WSW	S	141
12	·673	·737	·623	·713	·690	80·5	90·8	93·3	82·6	84·7	98·4	79·6	18·8	155·6	57·2	77·2	2·4	S	SW	SSW	S	228
13	·702	·763	·662	·746	·721	79·5	92·5	95·2	82·0	85·1	97·8	78·2	19·6	155·9	58·1	74·2	4·0	S	SSW	S	ESE	205
14	·740	·799	·671	·782	·752	79·7	89·8	89·8	81·5	83·8	96·6	79·0	17·6	155·6	59·0	75·7	3·3	S	S	SSW	S	208
15	·771	·841	·768	·838	·807	79·2	90·6	89·9	81·5	83·3	95·7	77·9	17·8	156·0	60·3	73·1	4·8	S	S	S by W	S	166
16	·814	·876	·806	·879	·846	79·2	88·2	90·6	81·7	83·2	94·2	78·3	15·9	151·2	57·0	75·7	2·6	S	SSE	S by W	S	174
17	·847	·897	·823	·887	·866	79·8	84·9	79·7	77·8	79·4	90·7	79·4	11·3	126·0	35·3	77·1	2·3	SSW	SE	SE	ENE	135
18	·797	·840	·719	·793	·791	77·2	83·8	81·6	77·7	78·5	90·7	76·2	14·5	156·2	65·5	74·7	1·5	SE	S	N by E	E	107
19	·755	·792	·717	·779	·763	76·9	77·5	88·0	81·7	79·5	90·5	76·5	14·0	133·8	43 3	75·2	1·3	S by E	S	S	SE	112
20	·778	·809	·693	·727	·755	80·2	88·8	88·0	81·7	83·3	91·4	78·9	12·5	151·8	60·4	76·7	2·2	SE	S	S	SE by S	142
21	·585	·607	·596	·697	·621	81·7	82·8	86·8	80·4	81·9	88·8	80·0	8·8	139·0	50·2	78·2	1·8	SSE	S	SW by W	W	336
22	·670	·694	·576	·649	·651	80·7	91·5	93·2	82·2	84·7	98·1	78·2	19·9	152·4	54·3	74·1	4·1	S	SSW	S	S	190
23	·617	663	·542	·619	·614	81·8	93·4	98·5	82·8	86·7	102·6	80·9	21·7	155·2	52·6	78·7	2·2	S	SSW	S	S by W	229
24	·618	·653	·550	·609	·611	82·7	94·6	96·8	84·7	87·4	102·5	81·6	20·9	156·4	53·9	78·9	2·7	S by W	S	S	E	206
25	·595	·628	·506	·570	·579	81·7	93·8	101·9	85·8	88·4	103·1	81·2	21·9	157·0	53·9	77·2	4·0	SSE	S	SSE	S	147
26	·548	·599	·498	·644	·575	81·7	89·6	91·8	75·2	82·3	102·1	81·0	21·1	159·7	57·6	77·7	3·3	S	NE by E	ENE	S	155
27	·628	·685	·567	·670	·642	76·5	87·5	94·2	81·7	82·6	94·4	73·0	21·4	148·2	53·8	70·2	2·8	E	NE	NE	S	127
28	·676	·748	·615	·735	·698	79·4	90·1	95·6	75·7	83·1	96·1	77·5	18·6	150·3	54·2	74·1	3·4	S	S by W	ESE	S	83
29	·738	·776	·645	·723	·725	75·7	87·8	93·5	81·5	82·3	95·8	74·7	21·1	149·5	53·7	69·8	4·0	N by W	NE by E	S	S	159
30	·727	·749	·666	·740	·723	81·6	90·8	93·6	78·0	84·4	95·3	80·8	14·5	158·3	63·0	77·3	3·5	S	SE by S	S	S	101
31	·740	·796	·647	·688	·722	79·0	88·4	94·6	79·2	83·4	95·3	77·8	17·5	148·9	53·6	73·6	4·2	S	S	NE	W	82
Mean	29·720	29·769	29·658	29·735	29·724	78·3	88·6	92·3	80·4	82·8	95·9	77·0	18·9	152 3	56·4	73·4	3·7					161·9

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	69·9	77·8	77·9	71·9	74·4	69·0	0·672	0·799	0·781	0·741	0·778	0·656	79	58	54	85	76	81	0·02	3	2	8	4	K. *c.*	C. *c.* H^{y}.	Pk. *c.* H^{y}.
2	70·9	77·7	77·1	79·8	76·4	70·2	·728	·795	·695	·971	·830	·713	89	57	43	85	75	90	...	3	2	3	9	C. *c.*	C. *c.*	Pk. *c. g.* H^{y}.
3	70·9	73·4	74·9	74·2	73·4	69·9	·718	·615	·623	·772	·716	·699	86	45	40	76	67	88	...	4	2	2	1	Ck. *c.*	K. *c.*	*b. c.*
4	76·1	77·1	76·0	78·4	76·9	74·9	·879	·729	·601	·884	·804	·846	92	48	33	74	65	93	...	0	0·5	1	3	*b.*	Cs. *b. c.*	K. Cs. *c.* H^{y}.
5	69·8	80·1	78·1	75·8	75·8	68·3	·669	·954	·760	·822	·839	·667	79	78	49	84	82	90	0·49	2	0·5	0·5	0	Fk. *c.*	*b. c.*	*b.*
6	68·8	73·1	74·4	75·7	73·0	68·3	·561	·600	·643	·837	·678	·560	56	44	45	82	60	58	...	3	3·5	6	6	K. Cs. C. *c.*	CK. *c.*	Pc. C. *c.*
7	69·9	73·9	72·9	69·0	71·4	69·1	·678	·650	·542	·593	·649	·658	81	49	35	62	62	81	...	0·5	0	6	3	*b. c.*	C. Pc. *b. c.*	C. Ck. *c.*
8	72·7	74·7	76·1	70·7	73·6	67·1	·769	·693	·669	·633	·726	·551	85	53	43	74	68	62	...	2	0	0	5	K. Pk. *c. g.*	*b.*	Pk. H^{y} *c.*
9	69·9	74·8	74·6	74·7	73·5	68·7	·716	·762	·642	·821	·767	·684	94	69	44	86	80	92	0·48	6	0	5	0	Pk. Pc. Fk. *o. g.*	K. *b. c.*	*b.*
10	76·9	79·7	77·6	79·4	78·4	75·0	·899	·906	·758	·985	·911	·843	91	69	51	93	81	91	..	0·5	2	3	0	*b. c.*	K. Fk. K. *c. d.*	*b.*
11	78·1	78·9	73·4	79·9	77·6	77·4	·947	·840	·493	1·006	·853	·928	94	60	27	95	72	95	...	0	0	1	0	*b.*	Cs. *b. c.*	*b.*
12	78·9	81·8	84·7	79·7	81·3	75·0	·969	·965	1·079	0·974	1·023	·809	93	67	69	87	85	80	...	3	2	1	1	Ck. Cs. *c.*	Ck. CK. *c.*	C. *c.*
13	77·1	80·1	80·6	78·0	79·0	75·9	·898	·859	0·850	·906	0·911	·866	89	56	51	83	76	90	...	1·5	1	0	0	Ck. *c.*	Ck. *c. b.*	*b.*
14	78·9	81·6	76·9	75·2	78·2	77·9	·976	·972	·750	·795	·892	·944	96	69	53	74	77	95	...	4	1·5	8	4	Ck. Fk. *c. g.*	C. Ck. Fk. Pc. *c.*	C. *c.*
15	76·9	78·8	79·7	77·7	78·3	74·7	·896	·824	·879	·896	·902	·821	90	57	63	83	79	86	...	1	1	4	1	C. *c.*	C. *c.*	C. *c.*
16	77·9	79·9	78·7	77·7	78·6	77·4	·941	·911	·819	·896	·918	·928	94	69	56	83	81	95	...	3	8	10	10	Ck. *c.*	Pk. Fk. Pc. *o. g.*	Pc. *o.*
17	77·9	79·4	75·9	76·1	77·3	77·6	·930	·931	·842	·879	·911	·920	91	77	82	92	91	91	0·05	9	10	10	10	Pc. Pk. *o. g.*	Pc. Pk. Fk. *o. g. d.*	Pk. *o. g.*
18	75·7	78·7	78·3	76·9	77·4	74·9	·870	·915	·926	·913	·928	·850	93	79	86	95	95	94	0·84	9	8	10	10	Pk. Pc. Fk. *o. g.*	Pk. Pc. Fk. *o. g. d.*	Pk. Fk *o.*
19	76·1	76·6	79·3	78·9	77·7	76·0	·889	·904	·883	·949	·923	·893	95	95	67	87	91	98	1·49	8	10	9	5	Pc. C. *o.*	Pk. Fk. Pc. *o. g. t.* H^{y}. *r.*	Pc. Fk. *c. g.*
20	78·9	79·1	80·1	78·0	79·0	75·5	·973	·864	·920	·910	·935	·837	95	64	69	86	82	84	...	3	2	9	7	C. Fk. *c. g.*	K. Fk. C. *c.*	C. Fk. *c.* ☂.
21	78·7	75·1	77·3	74·9	76·6	73·2	·941	·768	·832	·792	·846	·939	87	68	65	76	78	91	0·37	9	9	10	3	Pk. Fk. *o. g.*	Pc. Fk. Pk. *o. g. r.*	C. *c.* ☂.
22	79·1	82·7	86·1	79·9	82·0	76·0	·975	·996	1·153	·932	1·058	·872	93	67	74	90	88	91	...	0·5	1	0	0	*b. c.*	*b. c.*	*b.* ☂.
23	80·7	81·7	84·9	79·7	81·8	79·9	1·037	·925	1·018	·975	1·020	1·009	96	59	55	87	80	96	...	0	0	0	0	*b.*	*b.*	*b.*
24	80·6	83·0	81·1	81·8	81·9	79·0	1·019	1·019	0·849	1·047	1·017	0·959	91	63	49	87	78	89	...	0·5	0·5	0	3	*c.*	*c. b.*	*c.*
25	80·6	82·9	81·9	81·7	81·8	79·5	1·033	0·978	·829	1·029	0·999	·986	96	61	40	83	75	92	...	2	1	0	0	Ck. *c. g.*	Ck. *c. b.*	*b.*
26	80·9	82·0	83·2	71·4	79·4	80·0	1·043	·993	1·022	0·716	·964	1·012	96	71	69	81	87	96	1·12	2	2	4	10	Ck. *c. g.*	Ck. Pc. *c.*	Pc. *c. g. t* H^{y}. *r.*
27	73·0	78·6	81·4	74·9	77·0	70·6	0·766	·857	0·893	·772	·855	0·716	84	65	55	71	77	88	...	0	0·5	0	10	*b.*	*b. c.*	Pc. *o. g.* H^{y}. *t.*
28	76·5	78·4	80·7	71·1	74·7	74·3	·873	·814	·847	·702	·747	·809	87	57	50	79	65	86	0·14	1	0	0·5	10	Ck. C. *c.*	*b. c.*	Pc. Pk. *o g t.* H^{y} *d.* r.
29	73·5	76·8	77·6	77·9	76·5	70·8	·800	·774	·731	·910	·833	·701	90	59	46	85	75	81	...	0	0	0	0	*b.*	*b.*	*b.*
30	80·1	82·9	82·4	73·9	79·8	78·2	1·008	1·019	·959	·784	·959	·933	93	70	61	82	81	89	0·08	0·5	3	10	10	*b. c.*	K. Pk. *c. o. g.* H^{y}.	
31	76·8	77·9	80·2	72·7	76·9	77·0	0·896	0·815	·836	7·18	·838	·916	91	61	51	72	73	95	0·03	6	1	2	10	C. *c.*	C. Ck. *c.*	Pc. Pk. *o g* H^{y} *d.* r
Mean	75·9	78·7	78·9	76·4	77·4	74·4	0·870	0·853	0·810	0·860	0·872	0·823	89	63	54	83	77	88	5·06	2·81	2·39	3·97	4·35			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·698	29·713	29·552	29·629	29·658	76·5	89·0	94·3	80·4	83·1	94·8	74·5	20·3	150·5	55·7	71·7	2·8	NNW	W	S	NNW	104
2	·649	·678	·544	·640	·636	76·7	86·7	93·8	79·5	82·3	94·7	76·2	18·5	151·2	56·5	71·4	4·8	N by E	S	NW by N	S	112
3	·696	·726	·601	·742	·699	78·2	89·3	87·8	75·7	81·1	94·7	77·7	17·0	157·8	63·1	73·4	4·3	NE	SSE	S by W	S	128
4	·738	·761	·658	·750	·733	77·4	84·4	83·7	80·7	80·0	91·2	75·0	16·2	153·7	62·5	72·4	2·6	SE by E	E	S	SE	105
5	·770	·788	·676	·757	·755	77·7	84·1	85·8	81·4	81·4	86·5	77·1	9·4	150·6	64·1	76·2	0·9	SW by S	SSE	SSE.	SE by S	101
6	·731	·763	·666	·751	·734	79·2	82·7	84·2	80·7	80·7	88·6	78·2	10·4	155·4	66·8	74·7	3·5	SE by E	S	S	S by E	106
7	·760	·781	·638	·750	·741	79·5	85·2	87·5	82·2	82·5	89·6	78·5	11·1	148·9	59·3	77·2	1·3	S	S	S	S by W	143
8	·668	·700	·593	·670	·664	81·4	83·1	84·7	78·7	81·3	88·2	81·0	7·2	125·8	37·6	79·0	2·0	SSW	SW	SW by S	SW	160
9	·614	·636	·514	·623	·604	80·6	88·6	85·2	76·7	81·3	92·4	77·9	14·5	153·9	61·5	76·2	1·7	SW	SW	S by W	S	216
10	·584	·615	·507	·615	·586	80·1	89·8	95·5	84·7	85·5	95·5	75·3	20·2	150·8	54·8	73·8	1·5	S	SW	SE by S	SSE	120
11	·578	·598	·520	·604	·580	83·3	89·8	82·6	79·7	82·7	94·1	82·5	11·6	147·2	53·1	80·5	2·0	S	S	S	S	193
12	·634	·672	591	·694	·653	78·9	89·3	78·3	76·7	79·3	92·4	77·6	14·8	152·0	59·6	74·9	2·7	SE	S	SE by S	SE by S	137
13	·682	·726	·646	·735	·702	76·7	87·8	93·8	83·3	83·6	94·5	76·4	18·1	157·7	63·2	73·5	2·9	SE by S	SW by S	S	S	112
14	·736	·747	·654	·735	·724	80·8	90·3	93·7	83·8	85·7	94·9	79·6	15·3	152·9	53·0	76·3	3·3	S	S	S	S	122
15	·742	·779	·661	·736	·737	81·6	89·8	93·8	83·7	85·8	94·8	80·7	14·1	149·9	55·1	77·7	3·0	S	S by W	S by W	S by W	154
16	·703	·714	·588	·658	·674	81·4	89·9	94·8	84·6	86·2	95·6	80·5	15·1	150·2	54·6	77·8	2·7	S by W	S by W	SE	SE by S	151
17	·666	·669	·556	·646	·641	82·5	91·6	89·8	84·1	85·6	94·7	81·2	13·5	157·2	62·5	78·0	3·2	SE	SE	S	SE	160
18	·589	·637	·525	·606	·596	81·8	89·3	83·7	83·7	83·1	95·8	81·0	14·8	160·3	64·5	78·2	2·8	SE	ESE	SSW	SE	148
19	·554	·602	·508	·570	·565	81·9	90·7	85·2	82·2	83·7	94·2	80·9	13·3	162·7	63·5	77·2	3·7	SE	E by S	S by E	SSE	99
20	·547	·562	·469	·502	·526	81·7	91·9	94·4	77·6	84·9	95·7	81·0	14·7	153·9	58·2	77·0	4·0	S	S by E	SW	S	93
21	·474	·489	·392	·457	·459	79·9	91·6	95·3	85·3	85·9	97·2	76·3	20·9	156·0	58·8	75·2	1·1	SE by E	SW	SW	SSW	99
22	·511	·489	·435	·489	·484	83·4	83·6	88·0	84·7	84·0	92·1	83·4	8·7	105·5	13·4	79·4	4·0	SW	S by W	S by W	S by W	144
23	·508	·544	·429	·464	·493	79·0	76·5	82·5	79·9	78·1	88·4	74·9	13·5	109·8	21·4	73·2	1·7	NNE	S	SW	NW	113
24	·422	·469	·346	·419	·421	79·4	79·8	82·7	80·9	80·1	84·0	77·7	6·3	103·1	19·1	77·2	0·5	NW by N	NW by N	N by E	NNE	155
25	·342	·365	·276	·371	·344	80·0	83·4	85·9	79·8	81·4	87·5	79·0	8·5	148·8	61·3	77·2	1·8	NNE	ENE	SE by E	S	75
26	·316	·342	·289	·385	·336	79·4	81·3	80·7	79·7	79·8	82·6	78·0	4·6	117·0	34·4	77·2	0·8	SW by S	S by W	S	S by E	169
27	·341	·373	·316	·451	·373	78·8	81·2	82·7	79·2	79·5	87·0	77·5	9·5	150·2	63·2	77·2	0·3	SE by S	S by W	SE	SE	142
28	·503	·562	·534	·645	·569	78·8	83·2	85·5	81·8	81·2	88·0	77·0	11·0	150·8	62·8	77·0	0·0	SE	S	SE	SSE	197
29	·653	·667	·583	·660	·646	80·7	85·7	89·3	81·9	83·2	91·8	80·0	11·8	155·8	64·0	77·2	2·8	SE	S	SW by S	S by W	130
30	·612	·617	·541	·622	·603	80·7	86·8	90·7	82·5	83·9	92·2	79·2	13·0	157·5	65·3	76·1	3·1	S	SW by S	S by W	S	125
Mean	29·601	29·626	29·527	29·616	29·598	79·9	86·5	87·9	81·2	82·6	91·8	78·5	13·3	146·6	54·8	76·1	2·4					133·8

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	74·7	79·3	79·1	71·4	76·1	71·8	0·835	0·871	0·792	0·649	0·807	0·745	91	64	49	62	71	87	...	0	2	0	10	C. *b. c.*	C. *c. b.*	Pc. *o. g.* H^{y} ^{y}
2	74·9	79·4	80·9	77·6	78·2	71·4	·840	·908	·880	·920	·912	·702	91	71	55	91	83	77	...	2	0	2	0	C. Ck. *c.*	Cs. K. *b. c.*	*b.* H^{y}
3	73·6	79·9	78·1	74·3	76·5	73·9	·769	·894	·832	·829	·853	·784	80	65	63	93	80	82	1·27	3	2	6	10	Pk. Ck. Fk. *c. g.*	K. C. *c.*	Pc. Pk. *o. t.* H^{y} ^{y}
4	75·9	78·1	77·4	78·4	77·5	74·0	·876	·879	·857	·942	·911	·828	93	75	74	90	89	95	...	4	4	8	10	Ck. Fk. *c.*	Cs. K. Pk. *c. g. t.* ^{y}	Pc. Pk. *o. g.* H^{y}
5	75·9	78·1	77·2	78·7	77·5	75·8	·869	·882	·820	·945	·890	·876	91	75	66	88	83	94	...	9	8	6	0	Pc. Pk. *o. g.*	Pc. Pk. K. C. *o. g. c. d. t.*	*b.*
6	77·9	79·9	78·5	78·9	78·8	77·1	·941	·982	·899	·963	·960	·919	94	87	76	91	91	95	0·26	0·5	9	10	4	*b. c.*	Pc. Pk. *o. g.*	Pc. C. *c.*
7	78·4	79·9	79·7	80·8	79·7	77·5	·960	·952	·907	1·032	·972	·931	95	79	69	93	87	95	0·35	6	4	9	10	C. Pk. Fk. *c. g. r. t.* H^{y}	C.K. Fk. *c. o. t.*	Pc. *o. g. t. d.*
8	79·9	80·9	78·6	75·4	78·7	79·5	1·002	1·029	·898	0·838	·949	·989	93	91	75	86	89	93	0·16	5	10	7	10	Pc. C. Ck. *c.*	Pc. Pk. Fk. *o. g. t.*	Pc. Pk. *o g.*
9	78·7	81·4	80·0	73·4	78·4	75·5	0·957	0·979	·958	·781	·932	·851	91	73	79	85	87	89	0·18	2	2	10	9	C. Ck. Fk. *c.*	C. Fk. Pc. *c. o.*	Pc. *o. g* H^{y} *t. r.*
10	79·7	81·5	84·7	82·8	82·2	72·8	1·009	·966	1·045	1·096	1·058	·775	93	69	62	91	86	88	...	8	7	1·5	0	C. *c.*	C. K. *c.* ⊕	*b. br.* H^{y}
11	81·1	84·8	76·9	76·4	79·8	81·1	1·035	1·132	0·849	0·867	0·978	1·042	91	81	76	86	87	93	0·14	3	7	10	9	Ck. *c.*	C. Fk. Pc. Pk. *c. o. t. r.*	Pc. Pk. *o. g.* H^{y}
12	77·5	83·1	75·7	74·0	77·6	75·2	0·924	1·052	·857	·804	·924	0·842	93	77	89	87	92	89	...	2	7	10	8	C. *c.*	K. Fk. Pc. Pk. *c. o. g. t.*	Pc. Pk. *c br.* H^{y}
13	75·9	79·6	80·7	79·9	79·0	74·0	·883	0·904	·874	·975	·932	·807	95	69	55	85	81	88	...	4	0	1·5	0	Ck. *c.*	K. *b. c.*	*b. br.*
14	79·2	81·9	80·1	80·1	80·3	78·5	·978	·976	·846	·978	·961	·963	93	68	53	84	78	95	...	4	0	3	0	Cs. Ck. *c.*	C. K. *b. c.*	*b.*
15	79·9	82·1	81·9	80·8	81·2	79·5	·999	·993	·928	1·012	1·005	·996	92	71	58	87	81	96	...	0	2	1	0	*b.*	Fk. C. K. *b. c.*	*b.*
16	79·9	85·2	80·9	80·4	81·6	79·8	1·002	1·149	·866	0·985	1·019	1·009	93	82	53	83	81	97	...	2	2	0	0	Cs. *c.*	Cs. *c. b.*	*b.* ⊔ *br.*
17	80·1	80·5	81·4	80·1	80·5	79·5	0·995	0·893	·958	·961	0·975	0·986	89	60	68	79	79	92	...	0·5	5	6	2	C. *b. c.*	K. Fk. C. Cs. *c. t.*	C. *c.*
18	79·9	80·9	79·6	79·5	80·0	79·8	·995	·941	·958	·955	·985	1·005	91	68	83	83	87	96	0·04	4	6	10	4	C. Ck. *c.*	K. Fk. Pk. Pc. *c. o. g. t. d.*	Cs. *c.*
19	80·4	81·3	80·4	80·2	80·6	77·8	1·019	·941	·972	1·005	1·006	0·914	93	65	79	91	87	87	0·06	6	3	10	5	Ck. *c.*	C. Ck. Pc. Pk. *c. o. g. t.*	Ck. *c.*
20	80·6	82·7	83·7	75·9	80·7	78·7	1·033	·996	1·010	0·873	0·995	·953	96	67	62	92	83	90	0·50	7	0·5	4	10	P c. C. *c.*	C. Cs. *c.*	Pc. Pk. *o. g. d.*
21	78·9	84·1	83·6	81·0	81·9	73·8	0·976	1·069	0·992	1·002	1·037	·801	96	72	60	82	84	88	...	0·5	2	10	3	C. *c.*	Ck. C. *c. o.*	C. *c.*
22	79·5	80·4	83·9	82·7	81·6	79·6	·955	0·999	1·109	1·091	1·047	·954	83	87	84	91	89	83	...	10	10	10	10	Pc. *o. g. t.*	Pc. *o.*	C. *o.*
23	77·7	75·4	79·6	79·3	78·0	73·8	·934	·868	0·972	0·996	0·960	·823	94	95	87	98	100	95	1·22	10	10	10	10	Pc. Pk. Fk. *o g. u. t.* H^{y} *r.*	Pc. Fk. Pk. *o. g. r.*	Pk. *o. g.*
24	77·6	77·9	79·9	80·1	78·9	77·3	·920	·930	·982	1·015	·976	·931	91	91	87	96	96	98	0·16	10	10	10	10	Pc. Fk. *o. g. d.*	Pc. Pk. *o. g.*	Pc. Pk. *o. g. d.*
25	78·9	80·4	81·6	78·9	80·0	78·5	·976	·999	1·023	0·976	1·005	·970	96	87	82	96	93	98	0·04	10	10	8	10	P. Fk. *o. g.*	P. Fk. Pk. C. *o. g. c. d.*	Pc. *o.*
26	78·5	79·4	78·6	77·9	78·6	77·6	·963	·978	0·953	·930	0·966	·940	95	91	91	91	95	98	0·18	10	10	10	10	P. Fk. *o. g.*	P. Fk. Pc. Pk. *o. g. d.*	P. *o. g.*
27	77·9	77·6	79·9	77·7	78·3	77·0	·944	·900	·982	·930	·956	·922	95	85	87	93	95	98	0·05	10	9	10	4	P. Fk. *o. g.*	Cs. Fk. P. Pc. *o. g. d.*	C. Ck. *c.*
28	77·9	78·8	79·8	79·3	79·0	76·6	·944	·926	·944	·969	·966	·911	95	81	77	89	91	98	0·09	10	10	7	0·5	P. Fk. *o.*	P. Fk. Pc. Pk. *o. g. d.*	C. *b. c.* ⊔
29	80·0	79·4	80·4	78·9	79·7	79 0	1·016	·921	·917	·949	·968	·979	97	75	66	87	85	96	...	5	6	6	0	Cs. *c.*	Cs. K. Fk. C. *c.*	*b.*
30	79·4	80·5	81·4	78·9	80·1	78·7	0·989	·958	·948	·942	·974	·976	95	75	66	85	83	98	...	3	7	6	0	C. *c.*	C. Cs. K. *c.*	*b.*
Mean	78·3	80·5	79·8	78·5	79·4	76·8	0·951	0·962	0·928	0·940	0·963	0·904	93	77	71	88	86	92	4·70	5·02	5·48	6·73	5·28			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Glass	Difference, shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·601	29·619	29·508	29·588	29·586	81·6	85·7	82·5	82·0	82·2	91·0	80·0	11·0	158·3	67·3	78·1	1·9	SE	SE	SE	S	121
2	·575	·596	·504	·556	·564	81·5	88·3	86·7	79·7	83·3	91·1	80·0	11·1	154·0	62·9	77·7	2·3	SE	E by N	SE by S	S by W	113
3	·518	·526	·426	·502	·499	79·9	85·0	87·8	82·2	83·0	91·8	77·9	13·9	157·0	65·2	75·0	2·9	SW by W	SW by W	S	NW by W	144
4	·524	·487	·425	·517	·492	81·7	83·5	83·6	79·7	81·6	88·3	80·6	7·7	105·8	17·5	80·0	0·6	W	WSW	W	W	126
5	·516	·581	·488	·574	·546	78·0	77·7	84·5	81·6	79·8	85·1	75·1	10·0	115·5	30·4	73·3	1·8	SW by S	W	SSW	NE by E	172
6	·552	·618	·545	·610	·585	82·4	87·8	91·2	81·6	84·8	91·6	79·2	12·4	156·5	64·9	78·6	0·6	SW by S	SW	NW	SSW	121
7	·592	·633	·541	·623	·603	79·9	85·5	89·2	76·7	81·8	92·2	78·4	13·8	149·0	56·8	77·2	1·2	SE by S	S	SSW	SE	124
8	·611	·636	·564	·626	·613	78·7	81·6	85·5	82·9	81·6	86·0	77·3	8·7	120·5	34·5	74·0	3·3	W	E by N	S by W	S by W	144
9	·583	·639	·523	·609	·596	76·5	84·7	92·1	79·6	81·9	92·7	73·6	19·1	149·0	56·3	72·1	1·5	W	SW	NW	S by W	202
10	·552	·568	·473	·570	·547	79·0	83·3	87·6	81·4	82·0	88·2	77·2	11·0	141·2	53·0	75·8	1·4	SW	SW	E	SW by S	93
11	·537	·553	·444	·492	·514	80·4	85·6	80·5	80·7	81·0	90·6	79·0	11·6	160·8	70·2	77·2	1·8	N	E by N	S	N by W	104
12	·387	·361	·301	·345	·353	79·7	81·2	81·7	78·6	80·0	83·6	79·2	4·4	132·2	48·6	77·7	1·5	NE	NNE	E by S	SE by E	272
13	·483	·537	·493	·581	·528	76·7	79·7	83·4	78·9	79·1	84·0	75·6	8·4	124·2	40·2	75·2	0·4	SE by E	SE	SE by S	SSE	241
14	·610	·668	·622	·708	·655	79·7	83·7	85·8	81·8	82·0	88·0	76·6	11·4	152·9	64·9	76·2	0·4	ESE	S	S	S	200
15	·732	·766	·657	·707	·723	79·7	86·7	87·2	82·5	83·2	90·1	78·5	11·6	150·2	60·1	75·7	2·8	S	SSW	S	S	189
16	·681	·703	·600	·656	·666	81·6	87·2	79·6	82·0	81·8	91·9	80·5	11·4	153·5	61·6	79·6	0·9	S	SW by S	S	S	220
17	·622	·642	·551	·593	·607	82·2	88·8	83·8	81·8	83·2	92·7	78·6	14·1	152·7	60·0	77·6	1·0	S	SSW	S	S	181
18	·552	·580	·497	·572	·555	82·6	88·6	82·7	82·6	83·1	92·7	78·8	13·9	146·0	53·3	76 2	2·6	S	SSW	S by W	S	194
19	·530	·591	·507	·597	·561	81·9	84·7	87·4	78·6	82·3	92·7	80·0	12·7	143·8	51·1	78·4	1·6	SSW	SW by S	SW	SSW	148
20	·562	·615	·572	·654	·604	79·8	82·2	83·2	81·9	81·3	84·0	77·0	7·0	125·6	41·6	76·5	0·5	SW by S	SW	SW	SSW	157
21	·593	·729	·614	·671	·659	76·7	77·0	82·1	81·2	78·7	83·5	75·4	8·1	114·0	30·5	75·1	0·3	NW	W	S	S	159
22	·608	·651	·562	·617	·615	80·5	85·4	88·8	84·4	84·1	90·3	79·6	10·7	144·3	54·0	77·9	1·7	S by W	SW by S	SW by S	SSW	173
23	·578	·633	·589	·643	·614	80·4	84·9	88·3	83·9	83·7	89·9	80·0	9·9	144·2	54·3	77·5	2·5	S by W	SW by S	SW by S	SW by S	131
24	·639	·714	·634	·716	·681	78·6	81·2	83·7	78·9	80·2	84·0	78·0	6·0	130·9	46·9	77·5	0·5	SE	SW by W	S	E	80·5
25	·728	·739	·667	·730	·720	77·7	86·2	86·6	81·5	82·1	89·8	76·4	13·4	155·8	66·0	73·2	3·2	SE	N	S	S	68·5
26	·694	·736	·612	·701	·693	78·6	84·7	88·0	81·9	82·4	89·7	76·9	12·8	158·8	69·1	73·3	3·6	S	S	SSE	SE by E	114
27	·639	·675	·575	·602	·629	79·7	79·4	82·5	80·8	80·0	87·0	78·9	8·1	151·2	64·2	75·9	3·0	SE	SE	S	S	109
28	·534	·565	·467	·553	·536	79·4	84·1	87·5	82·9	82·8	89·6	79·0	10·6	159·5	69·9	76·2	2·8	S	S by W	S	S	108
29	·493	·548	·467	·568	·524	81·2	85·7	88·8	78·6	82·8	91·1	80·0	11·1	158·7	67·6	77·9	2·1	S	SW	W	S by S	111
30	·566	·588	·514	·623	·577	75·2	83·6	80·1	75·7	78·0	84·4	74·3	10·1	118·4	34·0	73·8	0·5	SW	SW by S	S	SW by S	165
31	·562	·614	·515	·603	·580	77·7	82·7	85·0	79·9	80·6	85·7	75·0	10·7	129·0	43·3	74·6	0·4	SW by S	WSW	W	SW	157
Mean	29·579	29·616	29·531	29·603	29·588	79·7	84·1	85·4	80·9	81·8	88·6	78·0	10·9	142·4	53·6	76·3	1·7					149·7

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	80·7	81·8	79·4	79·5	80·4	79·1	1·036	1·033	0·965	0·975	1·011	0·982	96	84	87	89	91	96	1·15	2	6	10	3	Ck. Fk. *c.*	C. k. Pk. P. *c. t. r. o.*	C. *c. lr.*
2	80·1	82·0	82·0	78·5	80·7	78·1	1·008	1·010	1·031	·963	1·016	·936	93	76	81	95	89	91	0·02	8	5	9	4	Ck. Pk. Fk. *o.*	Ck. k. Fk, P. *c. o. t. d.*	C. *c.*
3	78·8	81·6	82·6	79·6	80·7	77·9	0·972	1·023	1·049	·979	1·019	·916	96	82	80	89	90	95	0·02	3	8	10	10	C. Cs. *c.*	P. *o. t.*	C. Cs. *o.*
4	79·8	81·1	80·7	79·3	80·2	79·7	·991	1·030	1·009	·996	1·012	1·002	91	89	87	93	93	96	0·57	10	10	10	10	P. Fk. *o. g.*	P. *o. g. d.*	P. *o. g. d. lr.*
5	77·4	76·7	80·7	80·4	78·8	72·3	·935	1·007	0·995	1·025	0·972	0·754	98	95	83	96	93	86	1·76	10	10	10	10	P. *o. g. r.*	P. *o. g. r.*	P. *o. g. d.*
6	80·4	81·9	81·7	78·7	80·7	78·3	1·011	1·010	·955	0·942	·995	·956	91	76	65	87	83	95	...	10	9	6	0	P. *o.*	P. *o. c.*	*b.*
7	78·1	80·7	81·5	74·9	78·8	77·2	0·936	0·982	·972	·840	·945	·922	91	80	70	91	87	95	0·71	10	9	10	10	P. *o. g.*	P. Pc. C. *o.*	P. *o. g. lr.*
8	75·6	77·9	80·7	78·5	78·2	75·0	·846	·908	·932	·915	·919	·840	86	84	80	81	85	90	...	10	10	10	10	P. *o. g.*	P. *o.*	P. *o.*
9	73·6	77·9	81·9	78·1	77·9	72·0	·790	·863	·955	·943	·903	·766	86	72	64	93	83	93	0·17	9	4	3	10	Pc. C. *o.*	Cs. C. k. *c.*	P. *o. g. t. H. r.*
10	77·9	80·4	82·7	79·4	80·1	76·5	·944	·998	1·052	·979	1·001	·984	95	87	80	91	91	97	0·13	10	10	10	10	Pc. *o.*	Pc. P. *o.*	P. Fk. *c.*
11	79·6	80·8	78·4	79·7	79·6	78·4	·999	·985	0·946	1·002	0·992	·967	96	80	91	96	93	98	0·44	10	8	8	5	Pc. *o.*	Fk. C. P. *c. t. d.*	P. *c. H. r.*
12	78·2	79·5	78·9	77·6	78·6	78·0	·946	·986	·949	0·935	·959	·947	93	92	87	95	93	95	0·34	8	10	10	8	Fk. P. *o.*	P. Fk. *o. g. d. p.*	P. *o. g. p.*
13	75·6	77·9	78·7	77·8	77·5	75·0	·874	·930	·920	·941	·924	·863	95	91	80	95	93	98	0·84	10	10	10	10	P. Fk. *o. g.*	P. Fk. *o. g. d. p.*	P. *o. g. r.*
14	78 1	80·0	79·6	79·1	79·2	75·3	·943	·975	·931	·950	·958	·887	93	84	76	88	87	97	0·60	10	10	7	0	P. *o. g. r.*	P. k. Fk. *o. g. d. c. p.*	*b. d.*
15	78·9	81·1	81·9	80·2	80·5	78 0	·976	·988	1·021	1·002	1·006	·954	96	78	79	90	88	98	...	0	6	6	2	*b.*	Fk. k. Cc. *c.*	C. *c.*
16	79·9	82·5	76·6	78·8	79·5	79·9	1·000	1·049	0·876	0·946	0·979	1·016	92	81	87	87	90	98	0·41	9	5	10	2	Fk. C. *o.*	Fk. C. P. *c. o. g. d. t.*	Pk. *c.*
17	80·6	82·0	78·5	79·4	80·1	77·0	1·025	0·999	1·006	·972	·988	0·909	93	73	78	89	87	93	...	9	4	9	7	P. *o.*	Cs. Ck. P. *c. o. t.*	Ck. C *c.*
18	81·4	83·3	80·9	80·4	81·5	76·5	1·060	1·071	1·028	1·012	1·056	·884	96	79	91	91	93	90	0·23	10	9	10	10	P. *o.*	P. Pc. *o.*	P. Fk. *o. g.*
19	79·9	80·4	80·4	77·8	79·6	78·0	0·995	0·981	0·945	0·941	0·976	·933	91	82	72	95	88	91	...	10	10	8	10	P. *o. g.*	P. k. Fk. C. *o. g. c.*	P. *o. d. g. H.*
20	78·9	80·1	80·1	80·0	79·8	76·5	·976	1·001	·988	·998	·998	·907	96	91	87	91	93	98	0·84	10	10	10	10	P. *o. g.*	P. *o. g. r.*	P. *o.*
21	75·9	75·9	78·9	80·5	77·8	74·8	·983	0·983	·949	1·033	·941	·857	95	95	87	97	95	98	3·92	10	10	10	10	P. *o. g. r.*	P. Pc. *o. g. r.*	Ck. Pc. *o.*
22	79·8	82·5	84·7	81·9	82·2	78·5	1·009	1·072	1·139	1·058	1·074	·963	97	87	84	89	91	95	...	10	10	10	10	Pc *o.*	Pc. P. *o.*	P. *o.*
23	78·5	80·9	80·9	82·4	80·7	78·9	0·949	1·002	0·954	1·038	1·009	·976	91	83	71	94	87	96	...	4	10	10	10	C. *c.*	Pc *o.*	P. *o. d.*
24	73·6	76·9	77·3	77·1	76·2	74·1	·763	0·869	·850	0·905	0·851	·790	78	82	73	91	82	82	0·15	10	10	9	0	P. *o. g.*	P. Ck. Pk. *o. g.*	*b.*
25	76·9	79·9	80·1	78·1	78·8	76·0	·913	·938	·940	·916	·943	·893	95	75	74	85	86	98	...	4	6	8	5	C. *c.*	K. Fk. Pk. *c.*	C. Cs. *c.*
26	77·3	78·9	78·9	78·1	78·3	76·2	·922	·908	·868	·909	·916	·896	94	76	66	83	83	97	0·05	1·5	6	7	5	C. Cs. *c.*	K. Fk. *c.*	C. Fk. *c.*
27	79·4	77·6	79·4	78·9	78·8	77·9	1·003	·920	·965	·963	·973	·944	99	91	87	91	96	95	0·52	4	10	9	2	C. *c.*	P. *o. g. d.*	C. *c.*
28	77·9	79·8	81·1	79·9	79·7	78·1	0·937	·961	·974	·982	·975	·950	93	82	74	87	87	95	...	6	8	6	8	C. *c.*	C. Fk. k. *c.*	P. *o. lr.*
29	80·1	81·4	82·9	76·9	80·3	79·2	1·015	1·016	1·045	·903	1·002	·972	96	82	77	92	89	91	0·24	10	10	10	10	Pk. Pc. *o.*	Pc. P. Fk. *o. g. t.*	P. *o. g. d.*
30	74·1	79·9	78·9	74·9	77·0	73·2	0·831	0·972	0·976	·853	0·916	·805	95	84	96	95	95	95	2·42	10	10	10	10	P. *o. g. d.*	P. Fk. *o. g. d. r.*	P. *o. g. t. H. d.*
31	76·0	79·9	80·8	78·0	78·7	73·9	·876	·982	·998	·933	·956	·825	92	87	83	91	91	95	1·38	10	10	10	10	P. *o. g.*	P. Fk. Pc. *o. g. p. d.*	P. *o. g. t. lr.*
Mean	78·2	80·2	80·4	78·9	79·4	76·7	0·950	0·982	0·975	0·961	0·974	0·907	93	83	80	91	89	94	16·91	7·98	8·48	8·87	7·06			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·564	29·603	29·483	29·575	29·563	78·5	82·6	83·3	77·4	79·7	86·7	77·0	9·7	152·5	65·8	76·7	0·3	S	S	S	S	103
2	·534	·561	·475	·555	·536	78·5	80·0	79·7	81·4	79·0	86·9	76·0	10·9	158·6	71·7	75·2	0·8	S	SW by S	SE	S	118
3	·527	·550	·462	·550	·527	79·7	86·6	81·6	80·7	81·4	88·5	78·5	10·0	154·0	65·5	77·2	1·3	NW by N	E	E by S	E	116
4	·531	·586	·501	·598	·559	78·9	83·0	86·5	81·7	81·7	88·5	78·0	10·5	147·1	58 6	77·2	0·8	SW	SW by S	SW	S	70
5	·568	·584	·500	·574	·562	80·2	83·5	82·1	81·7	81·1	89·1	79·5	9·6	155·8	66·7	76·9	2·6	S	S	SE by E	SE by E	86
6	·497	·522	·427	·510	·495	80·1	85·7	89·6	82·7	83·6	90·9	79·8	11·1	158·5	67·6	77·8	2·0	SE by E	NE by E	E	SW by S	119
7	·473	·496	·400	·485	·470	82·4	87·8	82·7	81·7	83·0	89·9	81·5	8·4	151·7	61·8	79·4	2·1	NW by W	N by W	SW by S	SW	85
8	·447	·506	·401	·462	·460	79·7	77·7	81·7	82·5	80·1	83·5	79·8	3·7	123·8	40·3	77·2	2·6	SW	NW	W by S	W	197
9	·434	·473	·384	·463	·444	79·9	85·5	79·6	79·2	80·3	89·5	79·0	10·5	152·2	62·7	78·7	0·3	NW	WNW	SW	SW	219
10	·470	·528	·452	·516	·497	78·7	80·9	82·6	81·2	80·2	85·4	77·0	8·4	130·9	45·5	76·7	0·3	S	SE by S	ESE	SE	239
11	·487	·513	·435	·503	·490	79·7	85·3	84·4	80·9	81·9	88·0	79·0	9·0	158·7	70·7	78·6	0·4	E	SE by E	E	SE by S	134
12	·490	·527	·451	·536	·506	79·5	85·6	85·6	82·9	82·4	90·3	78·4	11·9	155·9	65·6	75·1	3·3	E	E	E by N	N	96
13	·511	·536	·457	·565	·522	80·0	85·8	89·7	84·2	84·0	90·7	78·9	11·8	156·2	65·5	76·4	2·5	E by N	E by N	NE	ENE	73
14	·495	·521	·409	·446	·475	81·5	86·7	83·4	81·0	82·5	89·6	80·5	9·1	148·4	58·8	78·9	1·6	NE	NE	E by N	NE	217
15	·384	·435	·394	·484	·426	80·4	84·9	86·2	80·9	82·5	86·8	78·9	7·9	137·0	50·2	78·2	0·7	N by E	NW by W	SW by W	SW by W	280
16	·475	·517	·419	·498	·483	81·6	80·1	86·5	83·4	82·0	88·8	77·5	11·3	149·0	60·2	77·2	0·3	SW	SW	SW	SSW	223
17	·482	·532	·507	·576	·526	83·0	84·9	86·7	85·2	84·5	88·4	82·2	6·2	134·4	46·0	81·4	0·8	SW by S	SSW	S by W	S by W	254
18	·549	·642	·561	·629	·600	82·8	79·6	83·1	83·3	81·7	88·1	81·9	6·2	101·0	12·9	81·4	0·5	S by W	NE	SE by S	S	159
19	·572	·685	·571	·607	·616	82·4	77·4	82·0	81·7	80·8	83 6	81·9	1·7	109·2	25·6	80·2	1 7	S by W	N by W	NW by N	NW by N	128
20	·611	·645	·557	·661	·624	75·7	77·2	81·0	76·4	77·1	81·3	75·0	6·3	100·0	18·7	74·7	0·3	NW by N	NW by N	NW by N	NW by N	126
21	·656	·720	·618	·706	·681	74·0	79·1	85·7	80·5	78·7	86·6	73·0	13·6	151·8	65·2	72·7	0·3	NW by N	NW by N	NW	NW	155
22	·713	·760	·676	·763	·733	78·8	86·5	81·5	81·0	81·0	89·8	77·8	12·0	159·8	70·0	75·7	2·1	NW	NW	SW by W	W by S	113
23	·754	·798	·698	·794	·767	77·8	83·4	85·4	81·0	81·1	86·8	76·7	10·1	148·8	62·0	75·6	1·1	NW by N	NW by N	NNW	N	110
24	·779	·835	·716	·810	·792	79·7	82·8	86·5	81·2	82·0	87·0	79·0	8·0	152·8	65·8	77·2	1·8	WNW	NW by N	N	NW by N	147
25	·789	·796	·702	·760	·768	79·3	84·7	84·6	81·0	81·6	88·7	78·1	10·6	151·5	62·8	75·4	2·7	NW by N	NE by E	NE	N by E	91
26	·731	·774	·648	·749	·732	80·4	85·7	85·9	81·4	82·5	89·6	78·9	10·7	154·2	64·6	77·1	1·8	N	N	NW	NW	53
27	·720	·742	·633	·718	·710	79·4	83·2	89·2	83·5	82·9	89·3	78·0	11·3	155·8	66·5	75·2	2·8	NW	SW	SW	WNW	118
28	·672	·704	·574	·652	·659	81·3	86·7	89·0	82·7	84·1	90·7	80·5	10·2	139·0	48·3	76·4	4·1	NW	NW	S	S	78
29	·649	·654	·523	·636	·624	78·2	79·4	88·7	79·5	80·4	90·7	77·3	13·4	155·6	64·9	76·2	1·1	NW by N	NW by N	SW	SW	82
30	·553	·605	·581	·725	·617	78·7	78·6	84·3	80·7	79·7	88·6	77·2	11·4	130·9	42·3	76·9	0·3	WSW	W	NW	WNW	361
31	·752	·788	·701	·776	·759	79·7	86·2	84·2	79·9	81·6	89·6	78·2	11·4	155·0	65·4	77·0	1·2	W by N	NW by W	WNW	NW by N	206
Mean	29·576	29·617	29·526	29·609	29·583	79·7	83·5	84·6	81·4	81·5	88·1	78·5	9·6	144.8	56·7	77·1	1·4					147·0

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	77·7	79·9	80·0	76·4	78·5	76·5	0·938	0·986	0·982	0·898	0·963	0·907	95	88	86	95	95	98	0·14	10	10	10	10	P. *o. g.*	P. Pc. *o. g. d.*	P. *o. g. r. t.*
2	77·9	78·4	78·1	79 6	78·5	75·5	·951	·953	·943	·985	·970	·878	98	93	93	91	98	98	0·62	10	10	10	10	P. *o. g.*	P. *o. g. d.*	P. *o.*
3	78·8	81·0	79·4	79·9	79·8	77·9	·972	·985	·979	1·009	·998	·951	96	78	91	96	93	98	0·20	8	6	8	10	P. *o.*	K. Pk. C. P. *c.*	P. *o. g. r.*
4	78·1	80·0	80·6	78·9	79·4	77·0	·950	·985	·964	0·949	·976	·916	95	87	76	87	90	95	0·22	5	9	9	4	Pk. Fk. *c.*	P. Pk. Pc. *o. d.*	Cs. *c.*
5	79·7	80·9	79·1	80·2	80·0	79·0	1·009	1·022	·955	1·012	1·012	·986	98	89	87	93	96	98	0·10	4	9	10	2	C. Fk. *c.*	Pk. P. *o. g. t. d.*	Fk. *b. c.*
6	79·4	80·9	81·6	80·9	80·7	79·5	0·996	0·988	·972	1·029	1·009	1·007	97	80	70	91	87	99	0·03	10	8	5	8	P. Fk. *o.*	K. Fk. *c. d.*	P. *o. br. t.*
7	80·7	81·9	78·7	78·9	80·1	80·5	1·026	1·009	·928	0·949	0·988	1·029	92	76	83	87	87	96	..	8	7	10	10	Ck. *c.*	K. Fk. P. *c. o. g. t.*	P. *o. d.*
8	78·9	76·1	79·7	81·0	78·9	78·0	0·976	0·882	·988	1·039	·976	0·933	96	93	91	93	96	91	1·45	10	10	10	10	P. *o. g. d.*	P. *o. g. d. r.*	P. *o. g. t. p.*
9	78·1	80·6	77·4	77·8	78·5	78·3	·936	·978	·914	0·934	·950	·960	91	80	91	93	91	97	0·82	7	8	10	10	C. *c.*	K. P. *c. o. g.*	P. *o. g. p.*
10	76·8	77·9	78·9	79·1	78·2	76·0	·896	·917	·939	·969	·940	·886	91	87	84	91	91	95	0·34	10	10	10	10	P. *o. g. d.*	Pc. P. *o. g. d. p.*	P. *o.*
11	78·7	79·4	80·2	78·9	79·3	78·1	·969	·924	·978	·963	·969	·950	96	76	83	91	89	95	0·43	7	8	9	0	C. *c.*	K. P. *c. o. g. d.*	*b.*
12	78·6	80·1	81·2	81·7	80·4	78·1	·966	·954	1·005	1·070	1·012	·960	95	78	81	96	91	99	0·13	0	4	5	4	*b.*	K. C. *c.*	Pk. *c. br.*
13	79·2	80·7	82·2	79·8	80·5	78·0	·985	·982	1·000	0·958	0·995	·947	96	80	71	81	85	95	..	4	7	7	1	C. Ck. *c.*	K. Fk. C. *c. t.*	C. *c.*
14	79·7	80·8	81·3	79·8	80·4	79·5	·988	·971	1·042	1·005	1·012	·996	91	76	91	96	91	96	0·86	6	7	9	10	Ck. Fk. *c.*	K. Fk. P. *c. p. o.*	P. *d. o. g.*
15	79 2	81·7	81·0	79·9	80·5	78·0	·985	1·044	0·992	1·009	1·015	·947	96	87	80	96	91	95	0·76	10	8	9	10	P. Fk. *o. g. d.*	K. Fk. P. *c. o. d.*	P. *o. g.*
16	78·9	79 5	81·9	80·9	80·3	77·0	·953	1·002	1·030	1·022	1·012	·922	88	98	82	89	92	98	3·17	8	10	10	10	Pk. Ck. *c. g.*	P. Pc. *o. g. r.*	Pc. *o.*
17	81·1	81·7	82·9	81·9	81·9	80·9	1·035	1·044	1·072	1·047	1·058	1·039	91	87	84	86	89	95	..	10	10	10	8	P. *o. g.*	P. Pc. *o.*	C. *c.*
18	81·8	77·9	80·9	81·7	80·6	81·4	1·074	0·934	1·028	1·064	1·032	1·067	96	92	91	94	96	98	0·11	10	10	10	10	P. *o. g. d.*	P. Pc. *o. g. d.*	Pc. *o.*
19	80·9	75·7	77·1	79·7	78·4	81·0	1·035	·868	0·865	0·988	0·940	1·046	93	92	79	91	89	96	0·04	10	10	10	10	P. *o. g.*	P. *o. g. d.*	P. *o. g.*
20	74·2	75·9	78·5	74·9	75·9	74·0	0·826	·880	·943	·846	·883	0·828	93	94	89	93	95	95	0·76	10	10	10	10	P. *o. g. r.*	P. *o. g. d.*	P. *o. g. d. r.*
21	73·0	74·9	77·9	78·5	76·1	72·5	·800	·813	·849	·949	·868	·794	95	82	68	91	89	98	1·75	10	10	7	1	P. *o. g. d.*	Pc. C. K. *o. g. c.*	C. *c.*
22	77·9	80·4	78·8	78·1	78·8	77·0	·944	·957	·950	·923	·959	·916	95	76	88	87	91	95	0·19	2	4	10	3	Fk. *c.*	C. Fk. P. *c. o. g. d. t. r.*	C. *c.*
23	76·0	79·1	80·0	79·8	78·7	76·1	·872	·938	·951	1·005	·949	·896	91	82	78	96	89	98	0·03	6	5	6	2	Fk. *c.*	Pk. K. Fk. *c.*	Ck. *c. d.*
24	78·9	79·5	80·2	78·9	79·4	77·5	·976	·965	·948	0·960	·972	·924	96	86	75	90	89	93	..	6	8	4	3	Pc. *c.*	Fk. K. *c.*	Ck. K. *b. c.*
25	78·4	79·6	80·8	79·9	79·7	77·5	·960	·945	·998	1·009	·988	·938	95	79	83	96	91	98	..	2	6	8	10	C. *c.*	K. P. *c. o. g. t.*	P. *o. d. t.*
26	79·9	80·4	82·0	78·8	80·3	77·9	1·016	·968	1·040	0·953	1·008	·944	98	78	84	89	91	95	0·16	9	6	7	4	Ck. C. *o.*	C. K. Pk. *c. d. r.*	Ck. *c. t.*
27	77·7	77·6	80·4	80·9	79·2	77·3	0·928	·873	0·917	1·022	0·949	·932	92	77	66	89	84	97	..	6	8	4	3	C. Cs. *c.*	K. Ck. C. *c.*	C. *c.*
28	80·4	81·2	82·6	81·2	81·4	80·0	1·025	·992	1·028	1·046	1·037	1·036	96	78	75	93	88	98	..	4	7	6	2	C. Ck. *c.*	K. C. *c.*	C. *c.*
29	73·9	77·7	79·9	77·7	77·3	74·0	0·781	·928	0·900	0·924	0·898	0·798	81	92	66	91	87	85	1·60	10	10	6	10	P. *o. g. d.*	P. K. *o. g. r. t.*	Pc. *o.*
30	76·8	76·9	78·1	78·6	77·6	76·2	·896	·903	·882	·953	·921	·892	91	92	75	91	91	95	1·87	10	10	8	10	P. Fk. *o. g. p.*	P. Fk. *o. g. d. p.*	P. Fk. *o. g.*
31	78·6	81·3	80·7	78·4	79·8	77·8	·966	1·002	1·001	·953	·992	·947	96	80	85	93	91	98	0·24	7	6	10	0	P. Fk. *c. g.*	K. Fk. P. *c. o. g. r*	*b.*
Mean	78·4	79·3	80·1	79·4	79·3	77·7	0·956	0·955	0·967	0·982	0·976	0·941	94	84	81	91	91	96	16·02	7·39	8·10	8·29	6·61			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·764	29·798	29·701	29·764	29·759	79·3	85·7	80·5	78·9	80·3	89·7	78·0	11·7	155·7	66·0	76·1	1·9	NW	W by N	NNE	NW by W	148
2	·777	·818	·691	·772	·767	78·2	85·4	88·7	81·5	82·6	89·7	77·0	12·7	152·8	63·1	73·9	3·1	NW by W	NW by W	W by N	N by W	94
3	·794	·809	·680	·745	·760	80·2	90·0	91·0	83·7	85·2	92·9	78·9	14·0	154·2	61·3	75·2	3·7	W by N	W by N	NNE	ESE	94
4	·754	·759	·642	·714	·719	81·5	87·3	86·6	83·4	83·9	91·9	80·1	11·8	156·0	64·1	77·1	3·0	ESE	E by N	NW by W	NW by W	74
5	·676	·708	·617	·722	·683	81·5	89·1	91·0	83·6	85·5	91·6	80·1	11·5	150·9	59·3	75·7	4·4	NW	NW	WNW	NW	79
6	·647	·720	·599	·682	·664	81·2	85·7	81·7	79·8	81·4	89·8	80·0	9·8	151·0	61·2	77·1	2·9	NW	W by S	W by S	W by S	165
7	·618	·656	·549	·642	·618	80·0	80·5	82·4	80·0	80·2	83·8	76·7	7·1	145·0	61·2	76·0	0·7	W by S	SW by W	NW by N	NW by N	220
8	·612	·658	·574	·682	·634	79·4	82·5	85·3	81·7	81·5	87·9	78·2	9·7	140·0	52·1	77·0	1·2	NW by N	N by W	N by E	N by E	231
9	·648	·698	·577	·677	·652	78·6	80·5	84·5	83·1	81·1	85·7	76·8	8·9	111·8	26·1	76·2	0·6	N by E	N	N by E	N by E	160
10	·596	·625	·528	·620	·594	80·9	81·4	81·2	77·6	79·9	84·3	78·5	5·8	128·0	43·7	76·9	1·6	NE by N	NNE	NE	ENE	293
11	·571	·622	·565	·649	·603	77·9	82·5	76·7	79·8	78·5	84·6	74·9	9·7	129·2	44·6	74·4	0·5	NE by N	NE	NE	NE by E	354
12	·659	·768	·666	·780	·720	77·4	77·9	84·7	80·6	79·4	85·8	74·9	10·9	130·6	44·8	74·4	0·5	E	E by N	NE by N	N by E	168
13	·758	·824	·740	·816	·787	80·4	85·5	86·6	79·9	82·5	89·2	80·1	9·1	156·0	66·8	77·0	3·1	N	NE by N	W by S	W by S	87
14	·777	·817	·732	·812	·787	79·9	86·7	81·8	79·2	81·1	89·3	78·2	11·1	150·1	60·8	75·9	2·3	SE by E	S by W	SE	W	86
15	·775	·826	·720	·808	·784	79·4	86·6	88·9	81·9	83·2	89·9	76·3	13·6	160·2	70·3	74·2	2·1	SE	SW by S	SE	S by W	70
16	·787	·830	·728	·809	·791	79·7	87·2	90·0	83·2	84·1	91·3	79·1	12·2	150·8	59·5	74·4	4·7	SW by S	SW by W	SW	S	67
17	·792	·822	·720	·813	·789	80·7	87·3	89·8	83·0	84·4	90·9	79·9	11·0	146·8	55·9	75·8	4·1	S	SW by S	SSW	S by W	98
18	·786	·830	·731	·851	·802	80·7	87·8	89·8	82·9	84·5	91·5	80·0	11·5	151·8	60·3	76·6	3·4	S by W	SSW	SW by W	SSW	102
19	·836	·898	·771	·884	·850	80·5	86·7	89·7	82·4	84·1	90·2	79·9	10·3	151·0	60·8	76·2	3·7	SSW	SSW	W by S	S	106
20	·870	·907	·770	·829	·847	79·8	86·5	85·7	81·9	82·8	89·7	79·1	10·6	147·0	57·3	75·5	3·6	S	SW by W	WSW	WSW	89
21	·781	·823	·704	·829	·786	79·9	86·8	88·8	82·2	83·5	89·8	79·0	10·8	147·9	58·1	75·7	3·3	SSW	SW	SW by W	SW by W	94
22	·795	·848	·739	·821	·803	79·9	86·8	89·7	82·4	84·0	89·7	79·0	10·7	148·2	58·5	74·7	4·3	SW by W	SW	SW	SW by S	67
23	·798	·860	·722	·837	·807	79·4	87·5	87·3	81·7	83·1	90·6	78·1	12·5	156·0	65·4	73·6	4·5	SW by S	SW by S	SW by W	SW by S	73
24	·817	·855	·749	·844	·818	79·6	86·3	83·7	78·7	81·4	87·8	78·0	9·8	131·1	43·3	76·4	1·6	SW by S	SE by S	S	E by S	65
25	·817	·884	·757	·841	·828	78·9	84·5	84·9	79·7	81·1	89·0	76·4	12·6	151·0	62·0	74·3	2·1	SE by S	S	SW by S	S	91
26	·822	·869	·749	·836	·821	79·0	84·6	84·5	80·9	81·7	86·9	78·0	8·9	138·0	51·1	75·0	3·0	SW by S	S by W	SSW	S by W	83
27	·834	·893	·777	·867	·845	78·7	83·5	83·2	80·7	81·0	84·7	77·0	7·7	144·2	59·5	75·0	2·0	S	SSW	SW by S	S	122
28	·859	·906	·812	·873	·865	80·3	82·7	85·0	80·5	81·6	86·4	79·2	7·2	137·2	50·8	77·0	2·2	SSW	SW	SW by S	SW by S	141
29	·878	·928	·822	·912	·887	78·9	84·6	85·2	80·9	81·6	88·3	77·5	10·8	144·0	55·7	75·2	2·3	SW	SW by W	SW	SW by S	154
30	·897	·944	·810	·875	·885	79·9	84·4	85·9	81·3	82·3	88·0	79·0	9·0	147·0	59·0	75·8	3·2	SW by W	WSW	SW	SW by S	172
Mean	29·760	29·807	29·698	29·787	29·765	79·7	85·1	85·8	81·2	82·3	88·7	78·3	10·4	145·5	56·8	75·6	2·7	...	...	...	...	128·2

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	77·9	79·7	78·8	77·9	78·6	76·8	0·937	0·934	0·963	0·944	0·956	0·910	93	76	92	95	92	95	0·15	6	6	10	0	Pk. Fk. *c. g. d.*	K. Fk. P. *c. o. g. d.*	*b.*
2	77·4	79·6	80·1	80·1	79·3	76·8	·928	·931	·913	1·008	·959	·923	95	76	68	93	86	100	..	3	4	7	0	C. *c.*	K. Fk. *c.*	*b.*
3	79·5	82·8	81·1	81·1	81·1	78·2	·999	1·028	·928	1·029	1·009	·957	97	73	63	89	83	97	0·10	0	1	3	0	*b.*	C. K. *b. c.*	*b.*
4	80·3	80·8	80·0	80·9	80·5	79·1	1·022	0·964	·937	1·023	0·995	·982	96	74	74	89	85	96	..	10	8	5	0	P. *o. g.*	C. K. *c. d.*	*b.*
5	80·2	81·7	80·9	80·1	80·7	79·4	1·016	·982	·921	0·981	·982	·996	95	71	63	85	80	97	..	5	8	8	0	C. K. *c.*	C. K. Ck. *c.*	*b.*
6	79·2	80·4	79·8	78·9	79·6	79·2	0·972	·971	·992	·976	·985	·985	91	78	91	96	91	96	0·29	8	9	8	8	Cs. Ck. *c.*	K. Fk. *o. c. t. d. r.*	P. Fk. *o.*
7	78·7	79·4	80·1	78·1	79·1	76·0	·966	·992	·998	·936	·982	·890	94	96	90	91	96	97	0·58	10	10	10	10	Ck. Fk. *o. d.*	P. Fk. *o. p. d.*	P. Fk. *o. g. d.*
8	78·4	80·5	80·6	79·9	79·9	77·2	·960	1·015	·982	·995	1·002	·922	95	91	80	91	93	95	0·42	10	10	10	10	P. Fk. *o. g. d.*	P. Fk. *o. g. d.*	P. *o. g. r.*
9	76·9	78·9	80·9	79·6	79·1	76·0	·903	0·969	1·009	·965	0·969	·886	92	92	85	85	91	95	0·39	10	10	10	10	P. *o. g. d.*	P. Fk. *o. g.*	P. *o. g. tr.*
10	77·1	78·1	77·4	75·9	77·1	76·2	·878	·920	0·887	·874	·892	·875	83	86	83	92	87	90	0·09	10	10	10	10	P. Fk. *o. g. d.*	P. Fk. *o. g. r.*	P. Fk. *o. g.*
11	76·9	77·9	75·7	77·4	77·0	74·4	·913	·896	·877	·908	·909	·846	95	81	95	89	93	98	4·52	10	9	10	10	P. Fk. *o. g.*	K. Fk. P. *o. g. t.* ☾ *r.*	P. Fk. *o. g.*
12	74·1	76·9	81·4	78·4	77·7	74·1	·801	·913	1·030	·946	·928	·831	85	95	86	91	92	95	0·56	10	10	5	3	P. Fk. *o. g.*	P. Fk. *o. g. p. c.*	C. *c.*
13	79·1	80·9	80·9	78·1	79·8	78·5	·979	·995	0·978	·936	·982	·956	95	81	77	91	88	93	..	10	10	9	3	P. *o. g.*	K. Fk. C. *o. c.*	C. *c.*
14	79·6	79·9	77·6	77·9	78·8	77·8	1·010	·928	·894	·941	·956	·948	99	72	83	94	90	98	0·15	0	4	10	0·5	*b.*	K. Ck. P. *c. o. g.*	C. *b.*
15	78·6	80·7	79·9	78·4	79·4	73·9	0·966	·968	·900	·926	·951	·804	96	76	66	85	83	88	0·07	1	2	1	5	Cs. Ck. *c.*	Cs. Ck. *c.*	C. Ck. *c.*
16	79·0	79·8	81·5	80·6	80·3	78·7	·983	·917	·961	1·019	·981	·976	97	71	68	89	83	98	0·03	0	0	6	0	*b.*	K. Fk. *c.*	*b.*
17	79·9	81·4	82·6	80·1	81·0	77·5	1·009	·992	1·021	0 988	1·012	·911	96	76	73	87	83	89	..	5	3	7	0	Ck. *c.*	Cs. K. Fk. *c.*	*b.*
18	80·1	82·9	82·6	79·9	81·4	79·7	1·022	1·059	1·020	·982	1·033	1·013	98	80	73	87	87	99	..	3	6	9	9	C. *c.*	Cs. P. *c. o. g. t.*	Ck. *o.*
19	78·9	79·3	81·8	79·9	80·0	78·2	0·969	0·901	0·979	·989	0·971	0·943	93	70	70	89	83	92	..	8	7	4	5	C. Fk. *c.*	Cs. C. K. *c.*	C. Ck. *c.* ☿
20	78·4	79·9	81·4	79·8	79·9	77·2	·953	·934	1·016	·992	·982	·908	93	74	82	91	87	91	..	5	8	8	8	C. *c.*	C. Ck. P. *c. g.*	Ck. *c.*
21	78·1	79·9	79·1	79·5	79·2	78·0	·936	·934	0·864	·975	·942	·947	91	74	64	88	82	95	..	7	5	4	2	Ck. *c.*	K. C. Cs. *c.*	C. Ck. *c.* ☿
22	78·8	80·2	80·1	79·9	79·8	78·8	·972	·944	·900	·989	·964	·986	96	74	65	89	83	100	..	5	4	6	6	Ck. K. *c.*	K. C. *c,*	Ck. *c.*
23	78·3	78·8	78·9	78·6	78·7	77·5	·956	·868	·874	·939	·922	·938	95	66	67	87	81	98	..	6	4	7	7	C. Ck. *c.*	C. Ck. K. *c.*	C. Ck. *c.*
24	78·6	79·7	79·1	77·9	78·8	77·4	·966	·927	·935	·944	·953	·935	96	74	81	95	89	98	0·35	7	5	10	6	C. Fk. *c.*	C. K. Fk. Pc. *c. o. t.*	C. *c.* ☿
25	77·9	79·2	79·5	78·7	78·8	75·8	·944	·929	·934	·969	·956	·887	95	78	77	96	90	98	0·12	5	7	8	3	C. Cs. *c.*	K. Fk. C. *c. d. t.*	C. *c.*
26	77·6	80·6	79·9	79·0	79·3	77·5	·928	·991	·962	·966	·969	·938	93	83	81	91	89	98	0·03	7	6	8	7	C. Pk. *c. g. t.*	C. K. Fk. *c.*	C. *c.*
27	77·5	79·7	79·4	79·1	78·9	76·5	·931	·961	·951	·975	·963	·907	95	83	83	93	91	98	0·18	5	9	9	7	Pk. Fk. *c. g. t.*	K. Fk. Pc. C. *o.*	Pc. C. *c.*
28	79·0	79·7	79·7	78·7	79·3	78·6	·976	·975	·945	·956	·973	·973	94	87	87	91	90	98	0·04	8	5	8	0	P. Fk. *o. g. d.*	C. K. Fk *c. p.*	*b.*
29	76·9	80·6	79 9	78·4	79·0	76·9	·899	·991	·952	·940	·959	·919	91	83	78	89	89	98	0·02	7	8	4	0	C. Fk. *c.*	K. Fk. *c.*	*b.*
30	78·4	79·7	81·8	79·4	79·8	78·1	·953	·952	1·033	·979	·985	·950	93	80	84	91	89	95	..	3	8	8	0	Cs. Fk. *c.*	K. Ck. Fk. P. *c. o. g.*	*b.*
Mean	78·4	80·0	80·1	79·1	79·4	77·3	0·955	0·956	0·952	0·966	0·967	0·928	94	79	77	90	88	96	8·09	6·13	6·53	7·40	4·32			

Date	Barometer reduced to 32°					Air Temperature							Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·854	29·890	29·759	29·893	29·844	79·7	84·9	89·6	79·5	82·5	89·8	78·9	10·9	150·8	61·0	74·6	4·3	SW by W	WSW	SW by S	SW by S	132
2	·840	·893	·796	·886	·850	79·7	86·5	77·8	74·5	78·7	88·2	77·0	11·2	139·0	50·8	74·0	3·0	SW by W	ENE	S by W	S	112
3	·882	·923	·823	·893	·876	72·2	81·9	84·7	77·3	77·9	85·2	71·9	13·3	137·9	52·7	65·2	6·7	S	E by N	S by E	S by E	57
4	·890	·937	·832	·933	·894	74·1	82·4	86·5	79·2	79·9	87·7	78·8	8·9	151·8	64·1	65 9	12·9	SSE	SE	W	W by N	57
5	·914	·940	·813	·921	·892	75·8	84·7	87·8	79·4	80·8	88·6	74·9	13·7	152·4	63·8	65·8	6·1	W by N	SE	W	W	45
6	·929	·972	·875	·975	·934	76·6	85·3	82·7	78·5	79·8	88·0	76·0	12·0	148·3	60·3	69·2	6·8	W	SE	S	S	63
7	·954	·996	·911	·999	·962	77·5	84·7	78·7	76·6	78·5	87·7	76·3	11·4	152·5	64·8	70·2	6·1	S	SE	S	S	86
8	·941	·994	·859	·931	·926	76·3	84 5	83·3	78·2	79·6	87·8	74·7	13·1	146·3	58·5	70·0	4·7	S	S	WSW	WSW	56
9	·924	·962	·836	·901	·901	77·4	82·8	86·5	79·7	80·6	88·8	75·9	12·9	159·2	70·4	71·4	4·5	WSW	SWbyW	SSW	SWbyW	53
10	·899	·936	·815	·900	·863	76·7	84·7	82·2	79·7	79·8	88·9	75·8	13·1	146·2	57·3	70·1	5·7	SWbyW	S	SW	S	62
11	·849	·907	·805	·900	·861	78·9	84·7	82·0	79·5	80·3	89·7	77·4	12·3	154·6	64·9	74·7	2·7	S	S	E	S by W	64
12	·886	·938	·869	·969	·913	77·9	83·6	76·8	77·5	78·1	88·3	76·7	11·6	150·2	61·9	72·2	4·5	S by W	S	N	N by W	55
13	·983	30·045	·916	·961	·971	74·5	81·4	83·3	77·7	78·2	85·6	73·0	12·6	144·2	58·6	71·7	1·3	SW	NWbyW	W by N	W	61
14	·948	29·974	·854	·901	·914	76·2	83·7	87·8	78·0	80·5	88·5	75·2	13·3	144·2	55·7	69·4	5·8	W	N	N	N	54
15	·889	·947	·822	·885	·881	76·8	84·0	84·5	77·9	79·8	87·7	75·2	12·5	135·8	43·1	69·5	5·7	N	N	E	NNE	30
16	·905	·960	·843	·917	·901	74·6	84·7	86·4	75·9	79·3	87·8	74·0	13·8	142·3	54·5	67·2	6·8	NNE	NNE	N	N	46
17	·938	·988	·849	·906	·914	73·7	84·3	86·9	75·9	79·0	88·2	73·0	15·2	143·9	55·7	65·7	7·8	N	NWbyW	NW	NWbyW	60
18	·912	·972	·847	·911	·906	72·7	84·6	86·8	77·2	79·4	87·9	71·5	16·4	140·0	52·1	64·2	7·3	NWbyW	NWbyW	NWbyW	WNW	55
19	·885	·927	·825	·906	·882	75·4	84·6	88·8	78·0	80·5	89·2	73·9	15·3	144 0	54·8	67·4	6·5	WNW	WNW	WNW	WNW	57
20	·881	·931	·824	·868	872	76·5	86·6	89·3	79·8	81·9	89·9	74·9	15·0	139·2	49·3	67·2	7·7	WNW	W by S	W	W	75
21	·874	·924	·818	·907	·877	77·4	86·3	89·0	81·6	82·5	90·5	76·3	14·2	142·5	52·0	69·4	6·9	W	SWbyW	W by S	W by S	100
22	·908	·970	·856	·953	·917	76·9	86·3	88·3	78·9	81·5	90·3	76·2	14·1	146·0	55·7	70·2	6·0	W by S	S	NE	NNE	58
23	·937	·974	·856	·922	·917	74·7	81·5	85·6	76·0	78·4	87·7	74·0	13·7	145·2	57·5	69·2	4·8	N by W	NNE	NE	NE	129
24	·940	30·003	·888	·975	·947	70·7	81·6	85·5	72·9	76·4	86·1	70·0	16·1	138·9	52·8	62·0	8·0	NE	NE by N	NE by N	NE by N	91
25	·975	·034	·925	·995	·978	69·7	80·2	83·2	74·7	75·6	85·5	68·6	16·9	138·2	52·7	57·9	10·7	NE by N	NNE	N	N by W	120
26	·984	·031	·927	·989	·979	71·7	77·5	82·9	77·6	76·2	84·6	70·0	14·6	138·0	53·4	60·5	9·5	N by W	N	N by W	NW by N	117
27	30·013	·075	·963	30·017	30·013	71·7	77·9	80·8	74·2	75·2	84·6	71·1	13·5	133·8	49·2	65·3	5·8	NWby N	NWby N	NWbyN	NW by N	116
28	·022	·079	·935	29·996	·002	72·7	80·4	85·2	76·7	77·5	87·4	71·0	16·4	142·2	54·8	64·9	6·1	NWby N	NWby N	NWbyW	N by E	72
29	29·974	·023	·899	·978	29·964	73·7	81·7	83·7	76·4	77·9	85·8	73·4	12·4	139·0	53·2	67·9	5·5	N by E	ENE	NWbyN	NW	71
30	·980	·035	·909	·989	·973	75·1	84·7	85·7	75·7	79·1	87·8	73·1	14·7	141·5	53·7	68·1	5·0	N by E	E	E by S	E by S	80
31	30·015	·061	·924	30·003	·998	72·7	82·6	84·7	76·7	78·0	86·8	72·0	14·8	141·2	54·4	64·7	7·8	E by S	NE by E	N by W	N	71
Mean	29·927	29·976	29·860	29·938	29·921	75·2	83·4	84·7	77·5	79·1	87·8	74·2	13·5	144·2	56·4	68·0	6·2	...	...	...	...	74·5

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	78·2	80·2	82·1	74·8	78·8	78·4	0·946	0·968	0·997	0·800	0·936	0·967	93	80	71	79	84	98	...	5	7	2	9	Ck. *c.*	Ck. K. Fk. *c.*	P. *o g. t.*
2	78·9	80·7	72·9	73·6	76·5	74·0	·976	·968	·743	·817	·887	·801	96	76	78	95	91	86	0·70	5	10	7	0	Fk. *c.*	P. C. Pc. *o. g. c.*	*b.*
3	71·3	73·4	76·1	75·9	74·2	71·3	·755	·710	·787	·876	·797	·762	95	65	66	93	83	98	...	0	0	5	0	*b.*	K. *b. c.*	*b.*
4	73·4	75·9	78·6	77·7	76·4	73·5	·815	·808	·871	·931	·864	·973	97	73	69	93	85	99	...	0	4	7	0	*b.*	Cs. Fk. K. Pk. *c.*	*b.*
5	74·9	77·7	77·7	76·9	76·8	74·5	·853	·856	·816	·892	·869	·849	95	72	62	89	83	98	...	0	6	4	0	*b.*	K. *c.*	*b.*
6	75·7	77·4	75·9	76·2	76·3	75·6	·877	·833	·801	·875	·861	·881	95	68	71	90	85	98	...	0	7	7	4	*b.*	K. *c.*	Pc. *c.*
7	76·2	77·9	75·4	74·9	76·1	74·9	·889	·863	·837	·843	·863	·846	94	72	85	92	89	93	...	4	8	10	0	K. Ck. *c.*	K. Fk. Pc. *c.* ⊕ *t.*	*b.*
8	75·6	77·4	78·4	76·9	77·1	73·9	·878	·847	·906	·910	·898	·825	97	72	79	94	89	95	...	0·5	7	8	0	Ck. *b.*	K. Cs. *c.*	*b.*
9	76·7	77·1	77·6	77·9	77·3	75·2	·910	·855	·826	·930	·895	·868	97	76	65	91	86	97	...	0	7	4	0	*b.*	K. *c.*	*b.*
10	76·0	79·1	77·5	78·0	77·7	73·8	·890	·921	·880	·937	·924	·808	97	77	80	92	91	91	...	4	6	7	5	Cs. Ck. *c.*	K. Fk. *c.*	C *o. lr.*
11	77·8	79·2	77·5	77·4	78·0	76·9	·941	·925	·883	·914	·930	·913	95	77	81	91	90	96	0·05	9	7	9	1	P. Fk. *o. g. d.*	K. Fk. C. Pk. *c. o. d.*	C. *c.*
12	76·9	79·1	75·9	76·9	77·2	75·4	·913	·935	·883	·919	·922	·865	95	81	95	98	95	94	0·04	4	8	10	10	C. Ck. *c.*	K. Fk. P. *c. d.*	P. *o. g.*
13	73·8	76·7	78·7	76·4	76·4	72·3	·826	·856	·922	·895	·884	·785	97	80	81	94	91	97	0·83	10	6	7	1	P. *o. g.*	K. Ck. Fk. *c.*	C. *c.*
14	75·8	77·1	76·3	76·2	76·4	75·0	·887	·844	·753	·878	·857	·870	98	73	57	91	82	100	...	3	1	2	0	Ck. *c.*	Cs. K. *c.*	*b.*
15	75·8	76·0	77·6	76·8	76·6	74·9	·880	·791	·853	·910	·877	·864	95	68	72	95	87	99	...	2	8	8	0·5	C. *c.*	Ck. K. P. *c.*	Ck. *b.*
16	73·7	75·9	73·9	73·9	74·4	73·8	·819	·774	·669	·811	·785	·835	95	64	53	91	78	100	...	0	1	2	2	*b.*	Cs. *c.*	Ck. *c.*
17	72·9	77·5	75·1	74·0	74·9	72·3	·797	·850	·710	·814	·813	·785	95	72	55	91	82	97	...	0	6	2	0	*b.*	K. *c.*	*b.*
18	71·9	76·0	74·9	73·7	74·1	70·9	·770	·784	·704	·785	·774	·751	95	66	55	84	77	98	...	0	0	1	0	*b.*	Cs. C. *b. c.*	*b.*
19	74·2	77·6	76·1	75·9	76·0	72·8	·834	·853	·730	·869	·838	·794	95	72	54	91	80	95	...	0	8	2	0	*b.*	K. Fk. Cs. *c.*	*b.*
20	75·1	78·9	77·6	76·9	77·1	74·5	·852	·885	·789	·886	·865	·849	93	69	57	87	79	98	...	0	0	2	0	*b.*	C. *b. c.*	*b.*
21	76·6	78·9	78·1	79·0	78·2	76·0	·904	·888	·814	·959	·909	·896	95	70	59	89	82	99	...	0	0	2	4	*b*	K. *b.*	
22	76·4	78·5	77·9	71·7	76·1	76·0	·905	·868	·815	·684	·828	·899	98	69	61	70	77	100	...	0	0	6	10	*b.*	C. Cs. *b. c.*	P. *o. g.*
23	70·9	72·7	71·7	72·1	71·9	71·0	·704	·684	·590	·735	·696	·720	81	63	48	82	72	86	...	10	7	3	8	Pc. *o. g.*	Ck. Cs. *b. c.*	C. *c.*
24	69·4	70·6	71·2	69·4	70·2	69·2	·704	·602	·574	·673	·659	·702	94	56	46	83	73	95	...	2	7	3	0	Ck. *c.*	Ck. C. *c.*	*b.*
25	66·9	70·4	66·1	67·9	67·8	66·2	·621	·610	·415	·590	·574	·611	95	58	36	68	64	87	...	1	0	2	0	C. *b.*	C. *b. c.*	*b.*
26	66·0	69·9	71·8	70·5	69·6	66·2	·564	·631	·633	·654	·637	·592	72	67	57	69	71	80	...	10	1	5	8	Ck. *o.*	C. Ck. *b. c.*	Ck. Pk. *o.*
27	66·9	68·8	71·8	71·8	69·8	67·0	·594	·584	·660	·748	·656	·610	76	61	62	88	75	80	...	10	8	9	0	Ck. *o.*	Ck. Pk. *c. o.*	*b.*
28	68·9	72·5	76·1	74·0	72·9	68·2	·654	·692	·780	·804	·750	·651	81	67	64	87	80	85	...	10	7	7	0	Ck. K. *o.*	Ck. C. K. Pk. *c.*	*b.*
29	72·9	76·7	76·9	74·9	75·4	72·9	·797	·853	·831	·846	·848	·804	95	79	72	93	89	98	...	2	8	8	0	C. *c.*	C. Fk. P. *c. o. g.*	*b.*
30	74·4	77·1	74·5	73·7	74·9	72·2	·842	·831	·707	·806	·813	·776	97	70	58	91	82	95	...	3	7	7	0	Ck. Pk. *c.*	K. Fk. Cs. C. *c.*	*b.*
31	71·7	72·1	74·7	71·6	72·5	71·5	·765	·648	·726	·708	·725	·767	95	58	61	77	76	98	...	3	8	8	2	C. Ck. *c.*	C. Ck. *c.*	C. *c.*
Mean	73·7	76·1	75·7	74·8	75·1	73·1	0·818	0·807	0·771	0·829	0·821	0·804	93	70	65	88	82	95	1·62	3·15	5·00	5·35	2·08			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·965	30·018	29·909	29·951	29·954	73·6	79·4	82·7	75·5	77·2	84·9	72·2	12·7	117·9	33·0	68·2	4·0	N	NNE	N	N by E	131
2	·917	29·971	·837	·886	·895	70·7	78·8	81·6	74·2	75·7	83·3	70·9	12·4	124·1	40·8	60·1	10·8	N by E	NNE	E by N	E by N	79
3	·840	·888	·758	·823	·819	73·2	82·7	79·5	75·5	77·0	86·7	72·0	14·7	138·0	51·3	65·2	6·8	E by N	NE	E	NE by E	84
4	·829	·874	·750	·839	·816	73·2	80·9	84·1	75·1	77·6	86·0	71·9	14·1	137·7	51·7	66·4	5·5	NE by N	N by W	N by E	N	120
5	·870	·936	·833	·927	·886	67·4	79·9	82·7	69·7	74·0	85·8	67·0	18·8	137·5	51·7	57·2	9·8	N by W	N by W	NW by W	NW by W	71
6	·954	30·027	·924	·995	·969	69·3	77·7	82·1	72·7	74·7	84·0	67·2	16·8	128·7	44·7	58·5	8·7	W by N	W by S	W	W	62
7	30·008	·068	·938	·995	·994	68·8	77·9	82·4	69·7	73·9	82·6	67·5	15·1	125·3	42·7	59·7	7·8	W	W	W by S	W by S	66
8	29·993	·050	·914	30·008	·983	68·1	79·7	84·7	71·7	75·1	85·9	66·2	19·7	144·6	58·9	57·3	8·9	W by S	SW	N by W	N by E	60
9	30·042	·120	·995	·072	30·049	66·8	79·3	83·4	72·4	74·5	84·6	65·5	19·1	141·2	56·6	57·0	8·5	N by E	E by N	N by E	N	96
10	·063	·114	·987	·035	·042	65·9	78·7	82·7	69·7	73·4	84·0	65·3	18·7	139·5	55·5	56·6	8·7	N	N	N	N by E	94
11	·013	·062	·953	·023	·006	64·5	77·4	82·3	69·6	72·5	83·4	63·8	19·6	140·8	57·4	53·9	9·9	N by E	N	N	N	99
12	·020	·081	·977	·061	·029	65·0	77·2	80·8	68·5	72·0	82·1	63·4	18·7	134·9	52·8	53·2	10·2	N	N	N by W	N by W	96
13	·067	·113	·999	·046	·049	63·8	78·7	82·7	68·8	72·5	83·1	62·5	20·6	138·2	55·1	53·7	8·8	N by W	NE by N	N	N by E	77
14	·052	·101	·969	·023	·028	63·8	77·5	81·6	69·3	72·1	82·6	62·5	20·1	140·8	58·2	53·0	9·5	N	NE by N	N	N	83
15	·065	·070	·929	·009	·010	64·8	76·9	82·7	67·1	71·9	83·2	63·0	20·2	138·4	55·2	54·2	8·8	N	N	NNW	NW by W	71
16	29·988	·032	·831	29·974	29·960	65·4	77·7	81·9	68·7	72·4	82·9	63·9	19·0	140·3	57·4	54·0	9·9	NW by W	NW by W	N by E	N by E	56
17	·982	·041	·917	·990	·976	65·2	79·5	84·6	69·7	73·8	84·7	63·9	20·8	142·7	58·0	54·9	9·0	N by E	W	N by W	N by W	56
18	30·012	·065	·964	30·031	30·012	65·4	80·9	84·7	68·9	73·9	85·9	64·1	21·8	143·5	57·6	55·2	8·9	N by W	SW by W	NW by W	NW by W	61
19	·031	·099	·965	·038	·025	65·4	78·7	82·2	67·6	72·7	84·8	64·6	20·2	142·2	57·4	54·2	10·4	E by S	E by S	N by E	N by E	63
20	·018	·063	·935	·030	·004	66·6	78·4	82·4	69·7	73·3	83·6	63·6	20·0	141·5	57·9	53·5	10·1	N by E	ENE	W by N	WNW	51
21	·007	·071	·947	·043	·011	64·8	78·8	82·8	69·9	73·1	83·5	63·4	20·1	142·5	59·0	54·2	9·2	N	N by E	NW by W	NW by N	68
22	·041	·089	·957	·040	·024	64·8	77·7	82·7	69·7	72·7	83·5	63·2	20·3	142·8	59·3	54·5	8·7	WNW	WSW	N by E	N by E	65
23	·053	·088	·961	·077	·037	64·7	78·7	82·9	68·8	72·8	83·6	63·6	20·0	140·9	57·3	54·6	9·0	N by E	NNW	N	N	65
24	·055	·077	·953	·004	·015	64·8	77·9	82·3	68·8	72·5	82·9	63·8	19·1	139·2	56·3	53·7	10·1	N	N	NW by W	WNW	69
25	·006	·046	·931	29·996	29·988	66·3	79·5	80·8	68·8	73·1	82·9	64·7	18·2	147·3	64·4	55·4	9·3	E	SE by S	NW	NW	56
26	29·987	·053	·917	·979	·976	65·8	79·7	84·0	72·7	74·6	84·6	63·8	20·8	140·9	56·3	55·1	8·7	SW	SW	W by N	SW	69
27	·943	·008	·873	·943	·934	68·1	79·7	85·7	73·7	75·8	85·9	66·0	19·9	141·8	55·9	58·2	7·8	SW	SW	SW by S	S by W	102
28	·937	·013	·901	·961	·946	71·1	80·0	84·7	74·2	76·7	86·0	69·9	16·1	140·8	54·8	61·6	8·3	S by W	SW	WNW	W by N	124
29	·959	·019	·886	·980	·953	70·9	78·7	83·7	69·6	74·9	85·1	69·3	15·8	140·6	55·5	62·3	7·0	WNW	N	NW by W	NW by W	100
30	30·001	·066	·927	30·017	·995	68·3	79·4	83·7	69·8	74·4	84·7	67·0	17·7	139·2	54·5	57·6	9·4	W	NE by N	N	N by W	76
Mean	29·991	30·041	29·920	29·993	29·980	67·2	78·9	82·9	70·7	74·0	84·2	65·9	18·4	138·5	54·2	57·1	8·8	...	...	...	...	79·3

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	71·0	73·2	72·1	71·6	72·0	70·4	0·727	0·737	0·648	0·722	0·719	0·718	88	74	58	82	77	90	..	8	9	8	2	Ck. Pk. *c.*	Ck. Pk. *o. g. c.*	C. *c.*
2	68·9	72·2	73·1	72·1	71·6	68·2	·681	·704	·702	·762	·722	·655	90	72	65	90	82	87	..	4	9	7	0	Ck. *c.*	Ck. Fk. Cs. *o. c.*	*c. b.*
3	71·9	74·2	75·0	73·9	73·8	71·5	·767	·732	·809	·818	·795	·767	94	65	80	93	86	98	0·10	4	2	10	0	C. Ck. *c.*	Ck. P. Fk. *c. o. g. d.*	*b.*
4	72·1	75·7	74·8	71·9	73·6	71·2	·776	·822	·789	·743	·776	·756	95	78	63	86	82	97	..	5	3	2	0	Ck. Fk. *c.*	K. Fk. *c.*	*b.*
5	66·8	69·8	69·0	67·0	68·2	66·4	·651	·595	·526	·627	·611	·643	97	58	47	86	72	97	..	0	0	3	0	*b.*	C. *b. c.*	*b.*
6	68·1	70·8	71·9	70·8	70·4	65·9	·675	·661	·649	·728	·688	·622	95	70	60	90	80	94	..	8	7	8	1	C. *c.*	Ck. C. *c.*	Pk. *c.*
7	68·0	70·9	71·1	68·1	69·5	67·1	·673	·663	·612	·668	·662	·658	95	70	55	92	79	97	..	4	10	0	0	C. *c.*	Pc. *o. b.*	*b.*
8	67·2	72·1	71·7	69·8	70·2	65·8	·655	·688	·603	·703	·673	·629	95	68	51	90	77	97	..	0	0	0	0	*b.*	*b.*	*b.*
9	66·0	69·2	71·2	68·0	68·6	65·0	·627	·581	·604	·626	·620	·612	95	58	53	78	72	97	..	0	0	0	0	*b.*	*b.*	*b.*
10	65·0	69·4	70·0	66·9	67·8	65·0	·605	·596	·564	·621	·608	·616	95	60	50	85	74	98	..	3	7	2	0	C. *c.*	C. *c.*	*b.*
11	63·4	69·5	68·5	65·9	66·8	63·4	·572	·615	·310	·589	·582	·578	95	65	46	81	73	97	..	0	0	0	0	*b.*	*b.*	*b.*
12	63·4	69·0	68·9	66·5	67·0	63·0	·565	·603	·546	·625	·596	·570	92	65	52	90	76	97	..	0	7	8	0	*b.*	C. *c.*	C. *c. b.*
13	63·3	69·3	69·0	65·7	66·8	62·1	·576	·590	·526	·594	·582	·553	97	60	47	85	73	97	..	0	2	2	0	*b.*	C. *c.*	*b.*
14	63·0	69·3	69·5	66·1	67·0	62·0	·564	·610	·561	·602	·596	·551	95	65	52	85	76	97	..	0	7	7	4	*b.*	C. *c.*	C. *c.*
15	64·0	69·0	69·7	65·4	67·0	62·4	·584	·603	·553	·605	·596	·559	95	65	49	91	76	97	..	1	4	6	0	C. *b.*	C. Cs. *c.*	*b.*
16	64·7	70·2	69·3	66·5	67·7	63·3	·603	·639	·549	·625	·616	·576	96	67	50	90	77	97	..	3	1	0	0	C. *c.*	C. *c. b.*	*b.*
17	64·5	69·9	70·1	66·7	67·8	63·3	·598	·605	·543	·616	·601	·576	96	60	45	85	72	97	..	0	0	0	0	*b.*	*b.*	*b.*
18	65·0	70·1	68·0	66·2	67·4	63·8	·612	·589	·462	·609	·585	·591	97	56	39	86	70	98	..	0	0	0·5	0	*b.*	C. *b.*	*b.*
19	64·1	70·7	69·1	67·0	67·7	64·0	·589	·645	·524	·656	·612	·591	93	66	46	97	76	97	..	0	0	0	0	*b.*	*b.*	*b.*
20	65·4	70·2	68·7	67·9	68·1	63·0	·614	·632	·519	·658	·621	·570	95	65	46	90	76	97	..	0	0	1	0	*b.*	K. *b. c.*	*b.*
21	64·5	69·2	68·8	68·0	67·6	63·0	·605	·588	·517	·660	·603	·570	98	60	46	90	74	97	..	0	3	0	0	*b.*	C. *c. b.*	*b.*
22	64·5	69·2	69·9	67·5	67·8	62·9	·605	·601	·558	·648	·614	·572	98	63	49	90	76	98	..	0	0	0·5	0	*b.*	Fk. *b.*	*b.*
23	64·0	69·9	70·1	65·5	67·4	63·1	·588	·611	·563	·586	·599	·572	96	61	49	83	74	97	..	0	0	0	0	*b.*	*b.*	*b.*
24	64·2	69·7	70·2	67·1	67·8	63·4	·595	·620	·578	·642	·618	·578	97	65	52	91	77	97	..	1	6	6	4	C. *b.*	C. Cs. *c.*	C. Ck. *b. c.*
25	65·5	70·4	70·0	66·5	68·1	64·3	·616	·624	·587	·622	·621	·597	95	61	56	88	76	97	..	7	5	6	0	C. Cs. Ck. *c.*	Ck. K. *c.*	*b.*
26	65·5	71·9	71·5	70·9	70·0	63·5	·627	·676	·605	·730	·674	·584	98	66	52	90	79	98	..	2	0	2	0	Ck. *c.*	K. *b. c.*	*b.*
27	67·8	73·7	71·6	71·9	71·3	65·8	·678	·751	·588	·756	·708	·637	98	74	48	90	79	100	..	0	0	0	0	*b.*	*b.*	*b.*
28	70·6	73·9	72·4	72·7	72·4	69·5	·744	·757	·632	·785	·740	·715	98	74	53	93	80	97	..	0	0	6	0	*b.*	K. *b. c.*	*b.*
29	70·6	68·7	70·1	66·7	69·0	69·0	·747	·569	·556	·616	·630	·707	98	58	48	85	72	98	..	0	0	0	0	*b.*	*b.*	*b.*
30	67·8	69·2	69·2	66·5	68·2	66·0	·675	·581	·520	·608	·611	·627	97	58	45	83	72	95	..	0	0	2	0	*b.*	Ck. *b. c.*	*b.*
Mean	66·4	70·7	70·5	68·2	69·0	65·2	0·640	0·643	0·582	0·662	0·643	0·618	95	65	52	88	76	97	0·10	1·67	2·73	2·90	0·37			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	30·000	30·078	29·945	30·035	30·004	67·8	75·5	82·4	71·6	73·6	83·7	65·9	17·8	137·2	53·5	57·2	8·7	N by W	NE	N by W	N by W	79
2	·041	·121	30·002	·081	·051	65·9	74·0	79·4	67·1	70·9	82·5	64·5	18·0	136·9	54·4	55·3	9·2	ENE	E by N	E by N	E by N	120
3	·066	·104	29·987	·064	·046	64·3	74·5	79·9	67·0	70·7	80·2	63·0	17·2	135·1	54·9	52·6	10·4	E by N	ENE	W by N	...	90
4	·041	·093	·941	·002	·007	62·6	74·0	78·9	65·8	69·6	80·1	61·5	18·6	134·8	54·7	51·2	10·3	...	E by N	NWbyN	E by N	42
5	·001	·092	·963	·053	·017	61·8	72·7	77·7	62·7	67·9	78·9	59·8	19·1	134·2	55·3	48·4	11·4	NE by N	NE by N	NWbyN	NW byN	74
6	·041	·125	·998	·086	·053	59·6	72·3	77·5	62·7	67·1	78·3	56·6	21·7	136·9	58·6	43·6	13·0	N by W	NNW	N by W	N by W	91
7	·039	·058	·955	·031	·013	61·8	70·6	76·7	65·8	68·0	78·2	60·0	18·2	138·0	59·8	51·7	8·3	N by W	NNE	NWbyW	NWbyN	97
8	·072	·091	30·010	·052	·050	64·8	70·8	66·9	64·1	66·1	76·9	62·0	14·9	109·9	33·0	57·3	4·7	NWbyN	N	N by W	N by W	102
9	·057	·174	·052	·097	·085	62·6	66·8	73·2	67·8	66·9	75·7	59·2	16·5	119·5	43·8	55·2	4·0	N by W	N by W	N by E	N by E	71
10	·097	·147	·025	·085	·079	61·3	72·6	80·0	65·3	69·0	80·6	59·5	21·1	137·7	57·1	50·6	8·9	N by E	N by E	NW	NW	76·5
11	·057	·123	29·975	·052	·040	62·7	75·7	79·7	69·7	71·2	81·2	60·3	20·9	144·8	63·6	53·3	7·0	NW	NE	N	NWbyN	73·5
12	·032	·133	30·009	·087	·055	66·5	69·7	73·7	64·4	68·0	79·8	65·0	14·8	132·1	52·3	59·2	5·8	NNW	N	N	N by W	154
13	·097	·162	·024	·087	·082	63·8	65·0	72·2	61·0	65·0	74·4	61·7	12·7	121·0	46·6	55·9	5·8	NNE	NWby N	NW•	NWbyN	152
14	·074	·163	·037	·100	·084	56·2	66·3	74·6	63·6	64·4	75·0	54·2	20·8	133·9	58·9	45·1	9·1	NWbyN	NNW	NNW	NNW	146
15	·078	·133	29·988	·099	·064	55·7	66·7	73·7	55·1	62·0	74·3	53·6	21·2	134·4	59·6	42·9	10·7	NNW	N by W	NWbyW	NWbyW	149
16	·047	·133	·975	·101	·051	52·0	66·6	73·7	56·1	61·1	74·9	50·0	24·9	135·5	60·6	38·1	11·9	NWbyN	NWbyN	N by W	NNW	111
17	·069	·142	30·003	·076	·062	53·2	65·8	70·6	55·6	60·5	72·8	50·2	22·6	128·1	55·3	38·4	11·8	NNW	N by W	NW	NW	109
18	·039	·110	29·969	·064	·035	54·8	66·0	75·5	58·6	62·7	76·5	52·4	24·1	133·6	57·1	40·2	12·2	NW	NW	NW	NW	109
19	·034	·077	·939	29·997	·001	55·6	70·4	77·4	63·0	65·6	78·9	53·4	25·5	145·6	66·7	44·8	8·6	NW	NW	NW	NW	70
20	·027	·093	·961	30·031	·017	58·8	74·0	79·7	62·8	67·9	80·7	57·2	23·5	137·1	56·4	49·0	8·2	NW	NWbyN	WNW	N by W	84
21	·050	·105	·975	·047	·034	56·8	67·8	73·9	64·3	64·8	77·7	54·4	23·3	135·8	58·1	43·6	10·8	N by W	NW	NWbyW	NWbyN	98
22	·057	·110	·976	·025	·031	53·3	65·6	73·0	56·1	61·1	74·4	51·9	22·5	134·7	60·3	40·6	11·3	NWbyN	N by W	NW	NW	92
23	·037	·129	30·020	·084	·059	54·6	68·5	74·2	59·8	63·3	75·8	51·9	23·9	134·5	58·7	42·1	9·8	NW	N by W	NW	NW	78
24	·060	·129	·003	·093	·062	54·4	69·1	76·7	61·3	64·4	77·8	52·9	24·9	131·9	54·1	43·1	9·8	NWbyN	N by W	N by W	NWbyN	86
25	·017	·089	29·925	29·989	29·992	58·3	70·8	77·7	61·9	66·3	78·9	55·5	23·4	132·9	54·0	46·9	8 6	W by S	W by S	W by N	W by N	74
26	·011	·078	·922	30·011	·994	57·8	73·6	80·7	65·3	68·4	81·1	56·4	24·7	137·3	56·2	48·0	8·4	SW	SW	W	SW	57
27	29·999	·065	·940	·007	·993	66·0	73·7	80·7	65·8	70·7	81·7	59·8	21·9	138·8	57·1	53·0	6·8	SWbyW	WSW	W by N	SW	70
28	·974	·053	·002	29·963	·961	59·0	73·7	79·7	65·7	68·6	80·8	58·0	22·8	139·2	58·4	50·0	8·0	SW	SW by S	SW	NW.	50
29	·953	·018	·870	·937	·933	60·8	73·4	79·6	67·2	69·5	80·0	59·0	21·0	138·0	58·0	...	...	SW	SW by S	SWbyW	SW	56
30	·925	29·996	·853	·921	·913	62·3	69·5	78·6	67·1	68·7	79·7	61·2	18·5	142·0	62·3	55·9	5·3	SW by S	S	SW by S	SE by S	58
31	·839	·932	·737	·799	·811	66·0	73·3	78·8	67·8	70·7	81·5	62·2	19·3	139·0	57·5	55·5	6·7	S	S	S	SE by E	97
Mean	30·030	30·099	29·964	30·037	30·022	60·0	70·6	76·7	63·6	66·9	78·5	57·8	20·7	134·5	56·0	49·0	8·9	...	...	...	...	90·3

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	64·0	67·0	69·0	65·0	66·3	63·9	0·544	0·549	0·529	0·532	0·551	0·569	79	62	47	69	66	89	..	2	0	7	0	Cs. *c.*	C. *c. b.*	*b.*
2	61·0	62·0	67·8	64·8	63·9	60·8	·471	·397	·527	·585	·502	·484	73	47	53	88	66	80	..	3	0	8	0	C. *b.*	C. *b. c.*	Pc. *c. b.*
3	59·0	62·7	67·3	63·8	63·2	59·0	·432	·411	·503	·554	·481	·448	71	48	49	84	64	78	..	0	0	1	0	*b.*	C. *b. c.*	*b.*
4	60·0	62·0	65·7	62·3	62·5	60·0	·486	·397	·460	·517	·474	·499	86	47	47	81	66	91	..	0	0	2	0	*b.*	C. *b. c.*	*b.*
5	60·1	62·7	62·5	58·9	61·1	59·4	·498	·438	·367	·446	·447	·501	90	55	39	78	65	97	..	1	0	3	0	Ck. *c.*	C. *b. c.*	*b.*
6	58·0	63·2	62·5	60·5	61·1	55·9	·464	·461	·367	·502	·460	·439	91	58	39	89	69	96	..	2	2	3	0	C. *c.*	C. Cs. *c.*	*b.*
7	58·5	60·5	61·7	60·1	60·2	58·0	·449	·396	·351	·445	·417	·457	81	53	38	70	60	88	..	3	3	5	7	C. Ck. *c.*	C. Ck. *c.*	Pc. *b. c.*
8	60·0	61·5	61·2	61·9	61·2	59·0	·453	·424	·466	·529	·475	·461	73	56	70	89	73	83	0·01	10	10	10	10	Pc. *o.*	Pc. P. *o. g. d.*	P. *o. g. d. p.*
9	59·1	61·2	62·8	62·3	61·4	58·5	·457	·469	·433	·490	·473	·483	80	71	53	72	71	96	0·01	10	10	10	4	Pc. Ck. *o. g.*	Ck. Pc. P. *o. g. p.*	P. Ck. *c. g. d.*
10	60·0	65·0	67·5	63·9	64·1	59·0	·503	·518	·507	·576	·533	·494	92	65	50	92	75	97	..	2	2	0	0	C. *c.*	C. Cs. *c. b.*	*b.*
11	61·8	66·7	68·0	67·0	65·9	60·0	·540	·535	·529	·627	·569	·516	94	60	52	86	75	98	..	5	7	0	1	Ck. Fk. *c.*	Ck. *c. b.*	K. Ck. *b. c.*
12	62·1	62·1	64·8	62·2	62·8	62·8	·499	·459	·494	·535	·506	·546	76	63	59	89	74	89	..	3	9	9	2	Ck. *c.*	P. Pc Ck. *o.*	Ck. *b. c.*
13	56·8	55·8	57·5	55·0	56·3	56·3	·370	·328	·280	·355	·339	·382	63	53	36	66	55	69	..	10	10	8	0	P. *o. g.*	P. C. Ck. *o. g. c.*	Ck. *c. b.*
14	51·7	56·8	59·8	56·1	56·1	51·0	·326	·337	·315	·353	·343	·336	72	52	37	60	56	80	..	0	1	2	0	*b.*	C. *c.*	*b.*
15	51·9	56·9	56·3	54·0	54·8	51·0	·335	·332	·223	·406	·338	·342	75	50	26	94	61	83	..	0	0	0	0	*b.*	*b.*	*b.*
16	49·9	56·7	58·1	53·0	54·4	49·1	·334	·329	·280	·364	·336	·336	86	50	34	81	62	93	..	2	0	0	0	C. Cs. *c.*	*b.*	*b.*
17	51·0	57·2	57·0	52·2	54·4	49·9	·349	·357	·287	·346	·345	·358	86	56	39	78	65	98	..	3	5	10	0	C. Cs. *c.*	C. *c.*	C. *c. b.*
18	51·3	57·2	60·2	56·0	56·2	50·9	·333	·350	·320	·417	·367	·354	77	54	36	85	64	90	..	2	0	3	0	C. Cs. *c.*	C. *b. c.*	C. *c. b.*
19	54·0	59·0	62·8	59·8	58·9	52·8	·399	·348	·379	·475	·410	·394	91	46	41	83	65	96	..	3	2	4	0	C. Cs. *c.*	Cs. Ck. *c.*	*b.*
20	58·0	65·9	64·8	59·0	61·9	56·5	·470	·531	·414	·443	·475	·449	94	63	41	78	70	96	..	0	0	4	0	*b.*	C. Cs. *b c.*	C. *c. b.*
21	55·9	61·1	59·0	56·0	58·0	52·9	·435	·450	·301	·341	·391	·383	94	66	36	56	63	90	..	0	2	2	2	*b.*	C. Ck. *c.*	C. Ck. Cs. *c.*
22	51·7	59·0	60·0	54·0	56·2	51·5	·366	·415	·346	·392	·387	·376	90	66	43	87	71	96	..	0	0	0	0	*b.*	*b.*	*b.*
23	52·7	62·8	62·2	56·1	58·5	51·1	·373	·497	·401	·403	·426	·363	87	71	47	78	73	93	..	0	0	0	0	*b.*	*b.*	*b.*
24	53·3	63·0	65·3	59·8	60·4	52·2	·395	·497	·472	·496	·474	·383	94	70	51	91	78	95	..	0	0	0	0	*b.*	*b.*	*b.*
25	57·1	62·4	65·0	60·0	61·1	55·0	·455	·452	·449	·493	·473	·428	94	59	47	89	73	97	..	0	4	5	0	*b.*	C. Cs. *c.*	*b.*
26	57·0	66·8	67·2	62·8	63·5	56·0	·453	·564	·437	·540	·521	·444	94	68	46	87	75	97	..	0	0	1	0	*b.*	C. *b. c.*	*b.*
27	65·9	68·9	67·3	63·5	66·4	59·2	·639	·441	·489	·557	·593	·498	100	76	46	88	79	97	..	0	2	2	0	*b.*	C. *c.*	*b.*
28	58·5	68·1	66·9	64·5	64·5	57·5	·485	·615	·487	·595	·555	·468	97	74	48	95	80	97	..	1	0	6	0	C. Cs. *c.*	C. Cs. *b. c.*	*b.*
29	60·0	66·6	67·7	66·1	65·1	58·5	·506	·560	·518	·629	·561	·486	94	68	51	95	77	96	..	2	1	3	0	C. Cs. *c.*	Ck. Cs. *c.*	*b.*
30	61·0	68·0	68·0	64·4	65·4	60·8	·522	·666	·545	·569	·584	·527	93	92	56	86	83	97	..	0	0	2	0	*b.*	Ck. *b. c.*	*b.*
31	65·1	69·6	70·4	66·1	67·8	61·9	·607	·675	·631	·620	·641	·552	95	82	63	91	85	98	2·34	0	10	4	10	*b.*	Pk. K. C. *o. g. c.*	P. *o. g. p. t. d.*
Mean	57·6	62·5	63·8	60·4	61·1	56·5	0·450	0·458	0·424	0·488	0·466	0·444	86	61	46	82	70	92	2·36	2·06	2·58	3·68	1·16			

LUCKNOW,

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·787	29·689	61·1	72·3	73·2	41·8	31·4	125·8	52·6	35·2	6·6	NW	NW	47·0
2	·809	·697	67·4	75·3	76·9	41·3	35·6	128·8	51·9	34·7	6·6	NW	S	23·0
3	·788	·682	66·9	73·3	75·9	43·0	32·9	131·3	55·4	37·3	5·7	S	SSW	17·0
4	·784	·677	65·6	72·3	74·2	43·3	30·9	130·8	56·6	...	...	SSW	SSW	24·0
5	·812	·730	65·4	72·3	74·2	42·8	31·4	129·8	55·6	...	...	S	SSW	24·0
6	·878	·748	62·4	73·3	74·9	44·3	30·6	130·3	55·4	...	...	SSW	SSW	19·0
7	·856	·744	65·9	72·5	74·9	44·3	30·6	129·8	54·9	34·4	9·9	SSW	WNW	16·0
8	·828	·738	64·4	71·5	74·2	44·3	29·9	131·5	57·3	36·3	8·0	WNW	WNW	16·0
9	·818	·680	66·4	75·3	77·7	46·2	31·5	130·3	52·6	38·3	9·9	SSW	S	17·0
10	·746	·630	63·4	72·3	76·4	48·2	28·2	129·5	53·1	39·3	8·9	S	S	25·0
11	·687	·630	65·9	61·6	76·4	56·1	20·3	96·3	20·4	48·4	7·7	SE	WNW	124·0
12	·695	·591	59·4	60·4	61·8	58·6	3·2	87·3	26·0	58·0	0·6	ESE	E	240·0
13	·768	·689	56·4	56·4	64·8	54·1	10·7	122·8	58·0	49·4	4·7	NW	ENE	99·0
14	·867	·790	56·1	60·4	62·3	42·8	19·5	122·3	60·0	34·2	8·6	NE	NE	29·0
15	·863	·765	60·1	65·6	66·3	45·7	20·6	129·0	62·7	35·9	9·8	ESE	S	41·0
16	·940	·787	61·4	65·4	67·8	51·2	16·6	133·5	65·7	44·0	7 2	SE	S	88·0
17	·877	·766	64·4	71·3	72·2	52·7	19·5	128·7	56·5	45·9	6·8	SE	SSW	76·0
18	·899	·801	61·4	70·8	71·7	52·2	19·5	137·0	65·3	46·4	5·8	NW	NW	41·0
19	·897	·802	63·1	67·9	70·7	51·4	19·3	136·0	65·3	41·3	10·1	NW	NW	68·0
20	·850	·725	60·4	68·6	70·2	49·2	21·0	132·7	62·5	41·3	7·9	NW	NNW	57·0
21	·784	·662	61·4	71·3	72·7	50·7	22·0	130·0	57·3	42·3	8·4	NW	NW	41·0
22	·780	·669	63·9	70·5	73·4	47·4	26·0	131·5	58·1	38·3	9·1	NNW	NNW	31·0
23	·834	·740	62·1	71·5	72·7	48·7	24·0	132·5	59·8	41·3	7·4	NW	NW	37·0
24	·829	·718	62·4	72·0	73·9	49·2	24·7	137·2	63·3	39·8	9·4	NW	WNW	44·0
25	·800	·662	64·4	74·0	73·2	53·1	20·1	133·5	60·3	44·3	8·8	WNW	NW	42·0
26	·755	·649	63·1	73·8	74·7	49·2	25·5	133·0	58·3	40·2	8·9	NW	NW	54·0
27	·779	·668	65·4	72·3	73·2	51·2	22·0	140·0	66·8	40·3	10·9	NW	NW	72·0
28	·759	·662	60·9	66·4	69·7	50·2	19·5	122·7	53·0	40·3	9·9	NW	NW	23·0
29	·722	·593	61·4	69·9	70·7	57·1	13·6	114·0	43·3	52·4	4·7	N	SSE	42·0
30	·653	·542	70·3	75·3	79·4	58·6	20·8	140·0	60·6	47·4	11·2	SSE	WNW	21·0
31	·644	·611	68·4	68·1	74·2	54·1	20·1	142·2	68·0	42·3	11·8	WNW	N	63·0
Mean	29·800	29·695	63·3	69·8	72·4	49·1	23·3	128·4	56·0	41·8	8·0	...	...	50·3

JANUARY 1877.

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	52·3	56·9	40·1	·277	·260	·227	51	33	86	...	0	4	*b.*	C. *c.*	*b. w.*
2	57·9	60·4	40·1	·355	·328	·234	53	37	91	...	2	0	C. *c.*	*c.*	*b. w.*
3	57·4	59·4	41·1	·347	·323	·234	52	39	84	...	5	0	C. *c.*	*c.*	*b. w.*
4	56·4	58·6	42·1	·335	·311	·253	53	41	91	...	0	0	*b.*	*b.*	*b. w.*
5	61·4	59·4	41·1	·493	·337	·237	78	42	86	...	0	0	*b.*	*b.*	*b. w.*
6	56·4	59·1	43·1	·377	·314	·264	67	39	91	...	0	3	*b.*	C. *c.*	*b. w.*
7	59·1	60·1	43·3	·413	·356	·268	65	44	92	...	3	3	C. *c.*	C. *c.*	*b. w.*
8	58·4	60·4	43·1	·411	·379	·264	68	49	91	...	9	9	C. *c.*	C. *c.*	*c. w.*
9	58·9	62·4	45·1	·399	·389	·287	62	44	92	...	7	3	C. *c.*	C. *c.*	*c. w.*
10	57·4	62·1	47·1	·394	·423	·310	67	54	93	...	8	9	Ck. Cs. *c.*	C. Ck. *c.*	*c.*
11	58·4	59·9	53·1	·391	·495	·366	61	90	81	0·41	10	10	Cs. Ck. *c.*	Pc. *c.* ☂ *d.*	*c.* ● ☇ ☈
12	57·9	56·6	57·1	·462	·409	·449	91	78	91	1·93	10	10	P. C. *c.* ● ☂	P. C. *c.* ☂ *d.* ●	*c.* ● ☂ ☇ ☈
13	54·3	54·3	52·8	·396	·396	·384	87	87	91	0·30	10	9	C. S. *c.* ● ☂ ∞	Pc. Ck. *c. h.*	*c. hr. w.*
14	52·3	55·0	42·1	·343	·362	·260	76	69	95	...	3	10	C. *c.*	Pk. *c.*	*c. w.*
15	55·4	55·6	44·6	·378	·311	·281	73	49	22	...	4	4	Pk. *c.*	C. Pk. *c.*	*c. w.*
16	56·4	59·9	49·8	·390	·444	·341	71	71	91	...	10	10	Pk. *c.*	Cs. *c.* ☂	*c.* ☂ *w.*
17	60·4	63·4	51·6	·474	·479	·369	78	62	93	...	2	3	C. *c.*	Ck. *c.* ☂ ∞	*c. w.*
18	59·4	60·4	51·6	·482	·488	·376	88	51	96	...	2	2	C. *c.*	C. *c.*	*c. w.*
19	58·1	57·9	50·1	·419	·349	·346	72	51	91	...	5	10	C. *c.*	C. *c.*	*c. w.*
20	56·4	57·9	48·1	·404	·340	·323	76	48	93	...	9	6	C. Ck. *c.*	C. *c.*	*c. w.*
21	57·4	59·6	49·3	·420	·356	·334	77	47	91	...	2	1	C. *c.*	C. *c.*	*c. w.*
22	58·6	59·9	46·1	·424	·376	·296	71	51	91	...	7	7	C. Ck. *c.*	C. *c.*	*c. w.*
23	58·1	59·6	47·6	·432	·353	·317	77	46	93	...	7	0	C. Cs. *c.*	*b.*	*b. w.*
24	56·4	59·4	47·1	·377	·341	·297	67	43	85	...	8	3	C. Cs. *b.*	C. *b.*	*c. w.*
25	57·4	58·9	51·1	·381	·298	·350	63	36	86	...	5	2	C. K. *c.*	Ck. *c.*	*b. w.*
26	57·9	59·6	47·1	·413	·323	·297	72	39	85	...	1	0	C. *c.*	*b.*	*b. w.*
27	57·6	60·4	48·1	·373	·368	·296	60	46	79	...	8	7	C. *c.*	C. *c.*	*c. w.*
28	57·4	60·1	49·1	·427	·437	·335	79	67	93	...	10	10	Cs. *c.*	Cs. *c.*	*c. d.*
29	59·4	62·4	55·6	·482	·465	·424	88	63	91	0·05	10	10	C. K. *c. l. d.*	Cs. *c.*	*c.* ∞ *w.*
30	63·4	64·1	57·1	·494	·450	·449	65	52	91	...	1	6	C. *c.*	C. K. *c.*	*c. w.*
31	63·4	59·9	53·1	·518	·408	·393	74	60	94	...	3	7	C. *c.*	C. *c.* ☂ ∞	*c.* ☂ *w.*
Mean	57·8	59·5	47·7	0·409	0·376	0·318	70	52	90	2·69	5·20	5·10			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·574	29·591	58·4	62·6	69·0	46·7	22·3	143·0	74·0	38·3	8·4	WNW	WNW	125·0
2	·680	·545	57·4	68·4	69·3	47·2	22·1	133·5	64·2	37·3	9·9	NW	W	96·0
3	·600	·486	59·4	64·9	70·2	48·2	22·0	142·0	71·8	38·3	9·9	S	S	57·0
4	·565	·489	60·4	63·9	64·8	53·6	11·2	128·7	63·9	49·4	4·2	SSE	S	159·0
5	·580	·485	50·8	63·4	64·8	46·2	18·6	127·5	62·7	40·8	5·4	W	W	31·0
6	·607	·489	58·4	68·9	69·7	40·8	28·9	133·7	64·0	31·2	9·6	S	S	42·0
7	·548	·483	55·9	58·4	59·8	53·1	6·7	89·7	29·9	52·4	0·7	ESE	ESE	142·0
8	·641	·579	58·4	65·4	65·8	54·1	11·7	127·5	61·7	51·4	2·7	E	W	148·0
9	·747	·655	60·4	68·6	68·8	43·3	25·5	131·2	62·4	...	...	W	W	62·0
10	·742	·632	58·9	66·4	67·5	44·8	22·7	128·5	61·0	38·3	6·5	W	W	109·0
11	·762	·661	58·9	66·6	67·5	45·0	22·5	126·5	59·0	38·3	6·7	W	W	74·0
12	·726	·619	58·4	68·4	69·3	45·7	23·6	129·2	59·9	34·2	11·5	W	W	76·0
13	·738	·661	61·4	70·1	70·7	46·2	24·5	133·2	62·5	35·2	11·0	WNW	W	82·0
14	·827	·746	60·6	71·3	71·7	45·0	26·7	132·5	60·8	37·3	7·7	W	WNW	65·0
15	·845	·748	63·4	71·3	72·4	43·8	28·6	133·7	61·3	32·3	11·6	WNW	WNW	75·0
16	·789	·684	63·9	72·0	72·7	46·2	26·5	134·5	61·8	32·4	13·8	WNW	WNW	99·0
17	·800	·716	65·4	73·3	74·2	44·3	29·9	136·0	61·8	30·2	14·1	SW	NW	45·0
18	·810	·716	67·4	75·3	76·4	42·8	33·6	136·0	59·6	34·2	8·6	SW	N	32·0
19	·848	·746	67·4	75·8	77·2	44·3	32·9	142·5	65·3	34·2	10·1	WNW	WSW	24·0
20	·824	·701	68·9	74·8	75·9	43·3	32·6	139·0	63·1	32·2	11·1	WSW	NW	25·0
21	·757	·622	69·4	78·3	78·7	47·2	31·5	138·5	59·8	35·7	11·5	SE	SSE	33·0
22	·698	·629	63·9	72·3	74·2	57·6	16·6	139·5	65·3	52·4	5·2	SSE	SSE	115·0
23	·758	·652	69·4	78·0	78·7	53·1	25·6	144·5	65·8	35·2	17·9	WNW	WNW	53·0
24	·702	·675	65·6	75·0	77·2	48·2	29·0	135·7	58·5	36·8	11·4	WNW	WNW	71·0
25	·808	·703	70·3	79·3	80·4	49·2	31·2	139·5	59·1	37·3	11·9	WNW	WNW	53·0
26	·777	·669	70·3	81·8	82·7	53·1	29·6	141·7	59·0	...	...	W	W	76·0
27	·743	·627	73·3	83·3	84·4	56·6	27·8	142·7	58·3	46·4	10·2	WNW	NW	85·0
28	·712	·621	75·3	84·3	84·7	55·1	29·6	143·0	58·3	40·3	14·8	NW	NW	73·0
Mean	29·729	29·630	63·3	71·5	72·8	48·0	24·8	134·1	61·2	38·5	9·5	...	...	76·0

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	16 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	51·3	48·9	44·1	·286	·167	·256	58	30	81	...	2	10	C. *c.*	Cs. *c. b.* ☂ ∞ *w.*	
2	51·3	52·3	44·1	·299	·181	·250	63	26	77	...	1	4	C. *c.*	C. *c.*	
3	52·8	54·3	45·1	·314	·283	·261	62	46	73	...	8	8	Pc. *c.*	Pc. *c.* ☂ *l. d.*	
4	54·3	57·4	49·1	·343	·387	·290	65	65	70	0·02	8	4	Pc. *c.*	C. K. *c.*	
5	50·3	54·8	45·6	·359	·317	·299	96	55	96	...	0	3	*b. f.*	K. *c. w.*	
6	54·3	55·6	40·1	·369	·267	·240	76	38	94	...	8	4	Cs. *c.*	C. *c.* ☂ ∞	
7	53·8	56·4	51·1	·388	·430	·350	87	88	86	0·52	10	9	Pc. *o.*	C. P. K. *o. d.*	
8	56·4	57·4	53·1	·430	·367	·393	88	58	94	0·36	10	3	Pk. *o. d.*	K. *c. l. d. t. w.*	
9	53·8	55·9	42·1	·329	·280	·253	63	40	91	0·12	0	0	*b.* ☂ ∞	*b.* ∞ *w.*	
10	50·3	57·9	41·6	·253	·369	·222	50	57	75	...	0	0	*b.* ☂ ∞	*b.* ☂ ∞ *w.*	
11	52·3	54·3	42·1	·306	·260	·231	61	39	76	...	0	0	*b.* ☂ ∞	*b. w.*	
12	51·3	53·3	42·1	·286	·208	·222	58	30	73	...	0	0	*b.* ☂ ∞	*b. w.*	
13	53·3	53·3	43·1	·301	·186	·239	55	25	77	...	0	0	*b.* ☂ ∞	*b. w.*	
14	51·8	54·3	42·3	·270	·199	·236	51	26	79	...	0	0	*b.* ☂ ∞	*b.* ☂ ∞ *w.*	
15	53·8	59·4	41·1	·289	·350	·224	50	45	78	...	0	0	*b.* ☂ ∞	*b.* ☂ ∞ *w.*	
16	52·3	53·8	44·6	·240	·175	·275	40	23	89	...	0	0	*b.* ☂ ∞	*b.* ☂ ∞ *w.*	
17	54·0	55·4	40·1	·267	·203	·194	42	24	66	...	0	0	*b.*	*b. w.*	
18	55·4	56·4	41·1	·281	·206	·237	41	23	88	...	0	0	*b.*	*b. w.*	
19	55·4	56·9	42·1	·281	·214	·240	41	24	82	...	7	5	C. *c.*	C. *c. w.*	
20	57·4	56·4	41·1	·321	·213	·230	45	24	81	...	5	3	C. *c.*	C. *c. w.*	
21	57·9	59·4	45·1	·329	·257	·274	46	26	85	...	7	7	C. *c.*	C. *c.*	
22	59·9	65·3	54·1	·464	·532	·374	78	67	78	0·15	9	9	C.S. *c.* ☂ *l. t.*	Cs. ●	
23	64·8	61·9	52·1	·553	·341	·378	77	36	93	...	1	3	C. *c.*	Ck. *c. w.*	
24	55·6	56·4	45·1	·311	·210	·261	49	24	78	...	0	3	*b.*	C. *c.* ☂ ∞ *w.*	
25	60·9	61·4	47·1	·411	·307	·297	55	30	85	...	0	0	*b.*	*b. w.*	
26	59·4	61·4	49·1	·363	·274	·297	48	25	73	...	8	0	C. *c.*	*b.* ☂ ∞ *w.*	
27	60·4	39·6	52·1	·355	·196	·331	43	18	72	...	0	0	*b.*	*b. w.*	
28	61·6	61·6	50·3	·367	·247	·303	43	22	69	...	0	0	*b.*	*b.* ☂ ∞ *w.*	
Mean	55·2	56·8	45·4	·334	·272	·278	58	37	81	1·17	3·00	2·68			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·702	29·598	76·3	84·8	85·4	54·1	31·3	144·7	59·3	44·3	9·8	WNW	WNW	99·0
2	·647	·550	74·3	83·3	83·9	59·1	24·8	143·5	59·6	50·4	8·7	WNW	W	115·0
3	·723	·606	74·0	83·5	84·7	54·1	30·6	144·5	59·8	42·3	11·8	WNW	WNW	63·0
4	·631	·492	77·0	80·5	83·4	51·2	32·2	153·0	69·6	42·3	8·9	WNW	WNW	33·0
5	·545	·407	76·0	86·4	87·7	56·6	31·1	151·0	63·3	49·4	7·2	W	NW	18·0
6	·563	·466	75·3	85·9	88·7	61·7	27·0	153·0	64·3	56·5	5·2	SSW	NNW	54·0
7	·633	·508	81·3	88·4	89·4	55·3	34·1	148·2	58·8	45·6	9·7	WSW	NW	44·0
8	·609	·488	82·3	88·7	90·9	57·6	33·3	148·2	57·3	49·9	7·7	SSW	ENE	32·0
9	·557	·430	82·3	89·9	92·4	61·0	31·4	153·5	61·1	51·4	9·6	SSE	SW	43·0
10	·592	·453	83·3	90·9	91·4	62·0	29·4	150·5	59·1	57·5	4·5	SW	N	53·0
11	·572	·463	77·3	83·5	84·4	61·0	23·4	141·5	57·1	60·4	0·6	SW	N	91·0
12	·543	·489	83·3	78·8	91·7	60·6	31·1	151·2	59·5	52·4	8·2	SSW	N	50·0
13	·650	·511	81·3	89·7	90·9	61·0	29·9	150·5	59·6	60·4	0·6	ESE	S	72·0
14	·652	·526	80·3	86·2	89·2	63·5	25·7	146·5	57·3	56·0	7·5	SE	SSE	108·0
15	·606	·485	77·0	81·5	83·7	63·0	20·7	146·0	62·3	58·5	4·5	SSE	SW	114·0
16	·642	·529	71·3	77·8	79·4	57·1	22·3	145·5	66·1	50·4	6·7	NW	NW	125·0
17	·649	·508	75·3	81·0	82·2	55·1	27·1	143·7	61·5	44·3	10·8	WNW	NNW	71·0
18	·619	·500	78·3	82·8	85·2	57·1	28·1	154·2	69·0	45·4	11·7	WNW	N	72·0
19	·590	·458	81·3	88·2	90·7	57·1	33·6	149·5	58·8	49·4	7·7	SSE	SE	41·0
20	·488	·377	85·2	90·7	94·3	66·0	28·3	152·5	58·2	58·5	7·5	SSE	WNW	73·0
21	·486	·387	82·8	86·2	91·7	67·5	24·2	145·5	53·8	62·4	5·1	E	ENE	84·0
22	·498	·429	81·8	88·2	90·2	66·0	24·2	150·5	60·3	57·0	9·0	NW	NW	96·0
23	·584	·506	79·3	84·5	85·4	56·1	29·3	150·7	65·3	41·3	14·8	WNW	WNW	94·0
24	·596	·485	82·3	87·2	89·7	63·0	26·7	152·0	62·3	52·4	10·6	WNW	W	91·0
25	·581	·498	76·3	79·5	84·7	65·0	19·7	149·0	58·3	59·4	5·6	WNW	WNW	100·0
26	·576	·468	79·8	88·2	88·4	55·1	33·3	150·5	62·1	44·3	10·8	WNW	WNW	43·0
27	·568	·429	82·3	88·7	92·8	63·0	29·8	155·5	62·7	54·5	8·5	NW	W	47·0
28	·567	·413	81·3	87·4	88·9	63·2	25·7	150·7	61·8	52·6	10·6	WNW	WNW	113·0
29	·446	·386	84·3	90·2	91·3	62·0	29·3	150·7	59·4	51·4	10·6	WNW	WNW	111·0
30	·506	·393	86·9	88·9	94·8	59·1	35·7	156·5	61·7	48·4	10·7	W	SW	58·0
31	·537	·477	70·8	72·8	80·9	63·5	17·4	151·2	70·3	57·5	6·0	E	SE	181·0
Mean	29·586	29·475	79·4	85·3	88·0	59·9	28·1	149·3	61·3	51·8	8·1	...	...	77·2

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	16 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	60·4	63·1	50·1	·315	·289	·310	34	25	74	...	0	0	*b.*	*b.*	*b. w.*
2	63·1	63·6	53·1	·430	·326	·326	51	29	65	...	0	4	*b.*	C. *c.* ☾ ∞	*b. c.* ☾ ∞ *w.*
3	62·4	62·4	49·6	·411	·284	·297	49	25	71	...	0	0	*b.*	*b.*	*b. w.*
4	62·4	62·4	48·3	·370	·324	·301	40	31	79	...	8	9	C. *c.*	C. *o.* ☾ ∞	*o. c. w.*
5	63·4	66·3	53·6	·417	·378	·373	46	30	81	...	8	3	Cs. *c.*	C. *c.*	*c. w.*
6	64·3	65·8	58·1	·457	·367	·437	52	30	80	...	9	4	Cs. *o. d.*	C. *c* ☾ ∞	*c. b. w.*
7	66·8	63·4	53·6	·464	·251	·390	44	18	91	...	0	0	*b.*	*b.*	*c. b. w.*
8	64·8	67·5	54·1	·381	·387	·374	35	29	78	...	1	4	C. *b. c.*	C. *c.*	*c. b. w.*
9	67·8	70·5	58·1	·487	·487	·447	44	35	82	...	4	9	C. *b. c.*	C. *o.* ☾ ∞	*c. b. w.*
10	70·3	66·0	60·0	·568	·307	·493	49	21	89	...	1	3	C. *b. c.*	Ck. *c.*	*c. b. w.*
11	65·3	65·8	56·1	·465	·399	·387	49	35	71	0·02	9	4	Cs. *o. c.*	C. *c. t. p.*	*c. l.*
12	68·5	66·5	56·8	·499	·487	·413	44	49	77	...	10	10	Pc. *o.*	Pc. *o.*	*o. l.*
13	70·3	69·8	59·1	·595	·462	·478	56	33	88	...	0	3	*b.*	C. *c.*	*c. l.*
14	65·3	67·3	58·3	·425	·416	·420	41	33	72	...	0	5	*c. b. l.*	Cs. ☾ ∞	*c. o. d. l.* ☈
15	69·8	69·3	60·0	·633	·553	·479	69	52	83	...	5	5	Cs. *c.* ☈ *l.*	P. K. *c.* ☈ ∞ *t.*	*c.* ☾ ∞ *l.*
16	60·4	60·9	55·1	·382	·311	·410	49	32	87	...	8	5	C. *o. c.*	Pc. *c.* ☾ ∞	Pc. *l.* ☾ ∞ *h.*
17	62·4	63·1	51·6	·393	·340	·337	44	32	78	...	0	2	*b. c.*	C. *c.* ☾ ∞	*c. l.*
18	64·8	65·3	53·1	·434	·391	·353	45	35	75	...	5	5	C. *b. c.*	Cs. *c.* ☾ ∞	*c. b. w.*
19	65·3	69·0	55·1	·411	·452	·410	38	34	87	...	0	3	*b.*	C. *c* ☾ ∞	*c. b. w.*
20	67·3	69·3	59·1	·430	·430	·411	35	29	64	...	7	7	C. *c.* ☾ ∞	C. *c.* ☾ ∞	*c. l.*
21	70·0	68·8	62·2	·563	·472	·491	49	38	72	...	10	10	Pk. *o.*	Ck. Pk. *o.*	*o. c.*
22	67·3	60·4	64·0	·476	·156	·571	44	11	89	...	5	1	C. *c.*	C. *c.*	*c. b. w.*
23	60·4	59·4	49·1	·275	·174	·257	27	14	57	...	2	7	Ck. *c.*	Cs. *c.*	*c. w.*
24	66·3	65·3	53·1	·433	·332	·274	39	25	47	...	8	8	C. *c.*	C. *c.* ☾ ∞	*c.* ☾ ∞
25	65·3	65·3	56·1	·478	·435	·334	53	43	53	...	10	10	Pk. *o. c.*	Pk. *o.* ☾ ∞	*o.* ☾ ∞
26	65·3	67·3	51·1	·431	·390	·324	42	29	74	...	9	7	C. Ck. *o. c.*	C. Ck. *c.* ☾ ∞	*c.*
27	64·3	68·3	55·6	·363	·419	·346	33	31	60	...	7	9	C. *o. c.*	C. Cs *o.* ☾ ∞	*o. c.*
28	62·9	62·4	56·6	·329	·232	·372	31	17	65	...	5	0	Cs. *o. c.*	*b. c.* ☾ ∞	*b.*
29	63·4	64·3	54·1	·306	·258	·316	26	18	56	...	0	3	*b.*	C. *c.* ☾ ∞	*w.*
30	63·4	59·9	52·1	·271	·131	·298	21	9	59	...	0	9	*b.*	Pc. *o. b.* ☈ *d.*	C. *b.* ☾ ∞ *l. t.*
31	62·9	59·4	55·6	·469	·330	·339	62	41	58	0·05	8	9	C. *o. c.* ☾ ∞ *p*	Pc. *o.*	C. K. *o. p. t. l. w.*
Mean	65·1	65·1	55·2	·431	·354	·379	43	29	73	0·07	4·48	5·10			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·636	29·574	73·3	82·3	82·9	53·1	29·8	142·0	59·1	44·3	8·8	S	WNW	49·0
2	·702	·575	79·8	85·2	87·4	57·6	29·8	151·5	64·1	46·4	11·2	S	NW	52·0
3	·639	·508	79·5	89·2	89·7	66·5	23·2	154·0	64·3	62·4	4·1	S	W	59·0
4	·649	·514	79·3	90·2	91·2	62·0	29·2	152·0	60·8	53·5	8·5	SE	NW	76·0
5	·574	·425	79·3	90·7	91·9	65·0	26·9	155·7	63·8	57·5	7·5	N	NNW	53·0
6	·499	·347	83·3	92·2	92·4	68·9	23·5	156·2	63·8	59·9	9·0	ESE	ENE	87·0
7	·487	·393	73·0	82·3	83·7	64·5	19·2	149·5	65·8	62·4	2·1	SE	SSW	152·0
8	·495	·383	77·0	84·8	85·9	63·0	22·9	152·5	66·6	55·7	7·3	SSE	NE	62·0
9	·479	·365	84·3	89·9	91·7	65·0	26·7	150·0	58·3	56·5	8·5	S	SE	54·0
10	·533	·429	82·3	89·2	89·7	69·9	19·8	151·0	61·8	65·3	4·6	E	E	172·0
11	·588	·478	85·2	91·2	93·8	67·9	25·9	160·0	66·2	62·4	5·5	E	NE	108·0
12	·541	·430	89·2	89·7	96·3	67·9	28·4	157·0	60·7	59·4	8·5	S	N	56·0
13	·549	·411	89·2	94·3	96·8	70·9	25·9	160·7	63·9	...	...	NNE	N	64·0
14	·577	·468	86·2	96·1	96·8	69·9	26·9	151·0	54·2	61·4	8·5	WNW	WNW	91·0
15	·523	·419	90·2	96·3	98·0	72·3	25·7	155·5	57·5	62·4	9·9	NW	NW	104·0
16	·569	·444	90·7	97·1	97·8	69·9	27·9	156·0	58·2	59·4	10·5	W	W	128·0
17	·541	·418	93·1	100·0	101·5	66·0	35·5	159·0	57·5	54·5	11·5	S	W	76·0
18	·491	·366	97·1	100·0	105·0	67·9	37·1	162·5	57·5	58·5	9·4	S	WNW	35·0
19	·545	·435	94·1	98·1	100·5	69·9	30·6	162·2	61·7	61·4	8·5	NW	W	94·0
20	·567	·434	85·2	94·8	96·3	69·4	26·9	162·7	66·4	58·5	10·9	WSW	WNW	90·0
21	·509	·374	88·9	96·1	96·8	65·0	31·8	156·5	59·7	54·5	10·5	WNW	W	73·0
22	·416	·280	91·2	98·8	100·0	70·4	29·6	157·0	57·0	62·4	8·0	WNW	WNW	114·0
23	·376	·266	95·1	101·0	103·0	71·8	31·2	161·0	58·0	59·4	12·4	NW	WNW	104·0
24	·438	·308	92·2	100·2	101·8	76·3	25·5	165·0	63·2	60·4	15·9	WSW	WNW	125·0
25	·426	·317	90·2	96·1	97·8	76·8	21·0	164·0	66·2	60·9	15·9	W	WNW	127·0
26	·376	·256	95·1	100·2	102·5	69·4	33·1	162·0	59·5	59·4	10·9	SW	W	31·0
27	·436	·370	95·3	78·3	101·3	75·3	26·0	169·0	67·7	72·2	3·1	NE	NNW	132·0
28	·464	·339	83·3	95·1	97·0	73·8	23·2	164·0	67·0	66·3	7·5	NW	W	95·0
29	·430	·294	92·2	100·0	100·8	68·9	31·9	163·0	62·2	61·4	7·5	SSE	W	31·0
30	·464	·322	76·8	91·2	93·3	74·3	19·0	148·5	55·2	60·4	13·9	NE	NE	62·0
Mean	29·517	29·398	86·4	93·0	95·4	68·3	27·1	157·0	61·6	59·3	8·9	...	...	85·2

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	63·4	61·4	51·1	·454	·267	·350	55	24	86	0·25	0	2	*b.*	Ck. *c.* ☂ ∞	*c. b. w.*
2	63·4	62·4	54·1	·367	·261	·374	35	21	78	...	0	6	*b.*	C. *c.* ☂ ∞	*c. w.*
3	62·9	65·3	60·0	·354	·306	·433	35	22	66	...	10	2	Pk. *o. p.*	K. *c.* ☂ *p.*	*c.*
4	66·3	65·8	57·1	·473	·309	·403	47	22	72	...	0	3	*b.*	Ck. *c.*	*c. w.*
5	68·3	67·3	60·0	·546	·356	·453	54	24	73	...	8	9	C. *c.*	C. *c.*	*c.*
6	68·3	66·8	61·0	·492	·318	·432	43	21	61	...	8	1	Cs. *c.* ☂ ∞	C. *c.* ☂ ∞	*c.* ☃ ● *l. t.* ☂ *w.*
7	66·3	69·3	61·0	·558	·543	·491	69	49	81	0·41	5	2	Cs. *c.* ☂	K. *c.* ☂	C. *l. w.*
8	70·3	67·0	61·0	·652	·424	·511	71	35	89	...	2	4	Cs. *c.*	C. Ck. *c.*	*c. w.*
9	68·8	69·8	62·5	·497	·460	·534	42	33	87	...	0	0	*b.*	*b.* ☂ ∞	*c.* ☂ ∞ *l.*
10	69·3	70·8	66·0	·543	·507	·588	49	37	80	...	1	1	C. *c.* ☂ ∞ *p.*	C. *c.* ☂ ∞	*c.* ☂ ∞ *l.*
11	73·3	71·3	65·0	·661	·500	·580	54	34	85	...	1	8	C. *c.*	C. Pk. *c.* ☂ ∞	*c.*
12	70·3	70·3	64·0	·488	·482	·545	35	34	79	...	1	7	C. *c.*	C. *c.* ☂ ∞	*b.* ☂ ∞
13	70·3	68·3	66·0	·488	·344	·575	35	21	76	...	8	5	C. Cs. *c.*	C. Cs. *c.*	*c. l. p.*
14	67·3	68·3	64·0	·416	·320	·518	33	18	70	...	0	5	*b. c. l.*	Cs. *c.*	C.
15	66·3	67·3	62·0	·327	·281	·420	23	16	52	...	8	5	C. Cs. *c.*	C. *c.* ☂ ∞	*c. l.* ☂ ∞
16	63·9	65·3	57·1	·237	·200	·298	16	11	40	...	0	0	*b.*	*b.* ☂ ∞	*b.* ☂ ∞
17	67·3	66·8	56·1	·324	·214	·320	20	11	49	...	0	2	*b.*	K. *c. b.* ☂ ∞	*c.*
18	68·3	70·3	59·1	·307	·343	·386	17	18	56	...	8	9	Cs. Ck. S. *c.*	Cs. *c.*	*c.* ☃ *p. l.*
19	70·3	68·5	62·0	·422	·301	·451	26	17	61	...	5	3	C. Ck. *c.*	C. Ck. *c.*	*c.* ☃ *d. l. t.*
20	67·5	65·5	68·5	·437	·237	·686	37	15	95	...	8	2	Cs. P. *c.*	Ck. *c.* ☂ ∞	*c.* ☂ ∞
21	64·8	66·8	58·1	·292	·265	·394	22	15	63	...	0	1	*c. b. p.*	C. *b. c.* ☂ ∞	*c. b.*
22	65·8	66·3	59·1	·297	·212	·353	20	11	46	...	0	1	*b.*	C. *b. c.* ☂ ∞	*b.* ☂ ∞
23	66·3	66·8	60·0	·261	·200	·362	15	10	46	...	1	0	C. *b.*	*c. b.* ☂ ∞	*b. c.* ☂ ∞
24	67·3	67·3	62·0	·336	·229	·366	22	11	40	...	8	0	C. Cs. *c.*	*b. c.* ☂ ∞	*b. c.*
25	68·3	71·3	63·0	·399	·434	·393	28	25	42	...	9	0	C. Cs. *c.*	*b.* ☂ ∞	*c.*
26	72·5	70·3	60·0	·495	·340	·394	30	17	54	...	0	4	*b.*	Ck. *c.*	*c.*
27	71·3	67·8	63·0	·445	·540	·413	26	56	46	...	7	9	Cs. Ck. P. *c.*	Pc. *c.* ☃ *d. t.*	*c. l.*
28	69·5	71·3	65·0	·537	·448	·501	47	26	59	0·03	9	8	P. K. *c. d.*	C. P. Pk. *c. t.*	*c. t.*
29	70·0	70·8	64·0	·436	·362	·532	29	19	75	...	0	3	*b.*	Ck. *c.*	*c.*
30	67·5	72·5	65·0	·550	·548	·494	59	38	57	...	10	8	P. Pk. *c. d.*	C. Cs. *c.*	*c. t. l.* ● ☃
Mean	67·8	68·0	61·2	·436	·352	·452	36	24	65	0·69	3·90	3·67			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·464	29·356	83·3	90·2	93·0	69·9	23·1	165·5	72·5	65·3	4·6	S	SSW	65·0
2	·416	·268	89·2	98·1	100·0	69·4	30·6	156·5	56·5	62·4	7·0	S	W	53·0
3	·368	·261	92·7	100·5	102·8	72·8	30·0	162·5	59·7	64·3	8·5	S	S	43·0
4	·406	·363	86·2	94·8	97·8	74·8	23·0	157·2	59·4	65·3	9·5	SSW	WNW	113·0
5	·429	·334	90·2	79·8	97·5	72·8	24·7	164·2	66·7	64·3	8·5	NW	E	49·0
6	·370	·232	85·7	93·1	94·8	69·4	25·4	163·5	68·7	62·4	7·0	SSW	N	73·0
7	·385	·294	78·3	86·7	86·9	68·4	18·5	153·5	66·6	67·3	1·1	SE	NNE	93·0
8	·490	·381	78·3	90·4	91·7	67·9	23·8	148·2	56·5	63·4	4·5	WNW	S	68·0
9	·487	·373	91·2	95·1	96·5	67·9	28·6	160·5	64·0	65·3	2·6	S	NNW	44·0
10	·396	·278	92·2	100·0	101·0	70·9	30·1	157·0	56·0	64·3	6·6	WNW	NNW	95·0
11	·364	·226	98·1	106·2	106·8	73·3	33·5	163·5	56·7	64·3	9·0	SSW	W	51·0
12	·368	·280	98·1	101·5	103·0	76·8	26·2	163·7	60·7	66·3	10·5	NW	W	106·0
13	·410	·311	94·2	101·0	102·0	76·3	25·7	159·5	57·5	66·8	9·5	NW	W	102·0
14	·428	·309	96·6	101·2	103·3	76·8	26·5	161·5	58·2	69·3	7·5	WNW	W	118·0
15	·414	·316	97·1	104·0	105·5	72·3	33·2	163·2	57·7	63·4	8·9	WSW	W	67·0
16	·441	·342	100·7	103·2	107·0	72·0	35·0	171·7	64·7	63·1	8·9	N	SE	40·0
17	·431	·298	97·6	107·0	108·0	78·8	29·2	169·5	61·5	72·2	6·6	SSE	SSE	61·0
18	·345	·215	99·8	106·0	107·3	71·8	35·5	172·5	65·2	64·3	7·5	SSE	SSE	49·0
19	·338	·216	96·1	102·2	104·8	76·3	28·5	165·0	60·2	71·7	4·6	SSE	SSE	58·0
20	·381	·248	90·2	94·1	96·3	81·9	14·4	168·5	72·2	79·1	2·8	E	E	113·0
21	·289	·145	96·6	106·5	106·8	77·8	29·0	168·5	61·7	72·2	5·6	SW	WNW	109·0
22	·278	·160	106·0	109·7	111·5	80·8	30·7	167·2	55·7	73·2	7·6	W	WNW	110·0
23	·265	·156	105·7	110·5	112·3	82·9	29·4	168·0	55·7	67·3	15·6	W	NW	131·0
24	·273	·166	102·2	110·0	111·5	80·3	31·2	168·5	57·0	67·3	13·0	W	NW	148·0
25	·263	·127	101·0	110·0	111·0	88·9	22·1	164·5	53·5	74·2	14·7	NW	W	155·0
26	·214	·074	99·6	108·0	109·5	81·9	27·6	163·7	54·2	73·2	8·7	NW	NW	146·0
27	·287	·189	97·1	102·0	104·8	84·9	19·9	162·7	57·9	79·6	5·3	E	SE	132·0
28	·397	·257	92·2	101·5	103·0	83·6	19·4	159·0	56·0	77·6	6·0	E	SSW	123·0
29	·387	·256	99·1	106·0	107·0	82·9	24·1	164·0	57·0	74·2	8·7	W	NW	49·0
30	·353	·138	102·0	105·5	108·0	77·8	30·2	165·7	57·7	...	...	NW	NW	69·0
31	·391	·260	96·6	105·0	107·0	81·3	25·7	164·5	57·5	74·7	6·6	S	NW	64·0
Mean	29·372	29·253	94·6	101·0	103·2	76·2	26·9	163·3	60·2	68·6	7·6	...	...	87·0

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	72·3	70·3	65·5	·646	·475	·571	57	33	78	0·22	2	8	Cs. *c.*	Cs. Pk. *c. p.*	C. *l.*
2	73·8	73·0	66·0	·628	·475	·595	45	26	82	...	0	5	*b.*	Ck. *c.*	C. *l. w.*
3	74·3	72·3	68·0	·601	·414	·622	39	21	76	...	0	7	*b.*	Cs. ☌ *d. c.*	C. *l. t.*
4	73·8	72·3	66·5	·669	·491	·541	53	30	62	...	5	6	Cs. Ck.	Cs. Ck. *c.*	C. *b.*
5	71·3	72·0	66·0	·513	·681	·550	36	66	67	...	9	9	Pk. *c.*	Pc. Ck. *o. d. t.*	C. *t. l.*
6	72·3	72·8	66·5	·614	·534	·613	49	34	85	...	3	3	Cs. Ck. *c.*	C. Pk. *c.*	C. *l.*
7	70·3	71·3	65·0	·635	·561	·573	65	44	82	0·09	10	2	Pc. *c. o. d. t. l.*	C. Ck. *o. l.*	*o. c.* ☌ *t. l. p.*
8	69·3	70·3	64·0	·597	·472	·545	61	33	79	...	8	2	Pk. *c. l. t.*	Ck. ☂ *c.* ∞	C. *b. w.*
9	71·3	70·3	64·2	·500	·409	·552	34	24	82	...	0	4	*b.*	Ck. *c.*	C. *b.* ∞
10	71·3	72·3	64·0	·487	·421	·505	32	22	66	...	0	3	*b.*	Ck. ☂ ∞ *c. b.*	*b.* ☂ ∞ *w.*
11	74·3	69·5	66·0	·528	·229	·543	29	11	65	...	0	0	*b.*	*b. c.* ☂ ∞	*b.* ∞
12	70·3	70·3	62·0	·368	·323	·360	20	16	38	...	5	4	Ck. *b.*	C. *c.* ☂ ∞	*b. c.*
13	69·3	70·3	64·7	·383	·330	·457	23	17	51	...	0	0	*b.*	*b.* ☂ ∞	*b.* ☂ ∞
14	72·8	70·5	65·5	·487	·335	·478	28	17	52	...	1	1	C. *b. c.*	C. *c.* ☂ ∞	*b.* ☂ ∞
15	76·2	69·8	62·0	·622	·271	·420	35	13	52	...	0	0	*b.*	*b.* ☂ ∞	*b.* ☂ ∞ *w.*
16	70·8	69·8	64·0	·352	·231	·491	18	14	62	...	4	7	Cs. *c.*	Cs. *c.*	*c.*
17	74·3	71·3	65·0	·535	·287	·434	29	12	43	...	8	2	C. *c.*	K. *c.*	*c. b.* ∞
18	74·3	70·3	61·0	·505	·262	·394	26	12	50	...	0	4	*b.*	C. *h.* ∞ *c. w.*	*c. b. w. h.* ∞
19	74·3	74·5	66·0	·555	·281	·503	32	24	55	...	0	4	*b.*	Ck. *c.* ☂ ∞	*c.*
20	75·5	76·2	73·0	·686	·663	·693	49	41	63	...	9	7	Cs. *c.* ☂ ∞ *p. w.*	Cs. *h. w. c.* ∞	C. *b. h. w.* ∞
21	77·2	70·8	70·5	·673	·275	·649	39	12	68	...	0	0	*c. b.* ∞	*b. h. w.* ∞	∞ *b. h. w.*
22	71·3	71·3	63·0	·301	·251	·339	13	10	32	...	0	3	*b. h. w.* ∞	C. *b. c. h.* ∞ *w.*	*c. h. w.* ∞
23	67·3	69·0	62·0	·155	·153	·278	7	6	25	...	0	0	*b. h. w.* ∞	*b. h. w.* ∞	*b. h. w.* ∞
24	67·3	68·5	61·0	·202	·141	·281	10	6	27	...	0	0	*b. h. w.* ∞	*b. h. w.* ∞	*b. h. w.* ∞
25	71·5	72·8	66·0	·376	·306	·333	19	12	24	...	0	2	*b. h. w.* ∞	*c. h. w.* ∞	☂ *c. h. w.* ∞
26	73·3	74·3	67·5	·467	·395	·482	24	16	44	...	0	3	*b.*	*c. h. w.* ∞	*c. b. h. w.* ∞
27	76·2	74·3	69·0	·622	·476	·496	35	23	41	...	6	3	*b. h. w.* ∞	C. ☂ ∞	*c. b. l.*
28	74·3	75·3	71·0	·608	·524	·591	40	26	52	...	0	0	*b.* ☂ ∞	*b.* ☂ ∞	*b. c.*
29	78·2	75·5	71·5	·684	·472	·619	36	21	55	...	7	2	Cs. *c.*	C. *c. b. w.* ∞	C. *h. w.* ∞
30	75·8	72·3	68·5	·539	·347	·573	27	15	60	...	0	0	∞	*w. h.* ∞	*c. h. w.* ∞
31	77·2	73·5	69·0	·673	·402	·545	39	18	50	...	0	2	*b.*	C. ∞ *c.*	*c. b.*
Mean	73·0	71·8	65·9	·523	·385	·504	34	22	57	0·31	2·50	3·00			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·344	29·175	92·7	101·5	103·3	81·9	21·4	158·0	54·7	76·1	5·8	E	S	113·0
2	·288	·190	91·2	97·1	101·8	80·8	21·0	161·2	59·4	75·8	5·0	W	SSW	140·0
3	·362	·307	91·2	82·3	99·8	77·8	22·0	165·7	65·9	74·7	3·1	SE	S	118·0
4	·390	·291	93·1	92·2	95·8	77·8	18·0	170·0	74·2	74·2	3·6	SE	NNW	97·0
5	·445	·296	83·3	87·7	88·5	76·8	11·7	152·5	64·0	72·2	4·6	E	E	95·0
6	·379	·237	83·3	97·6	98·5	80·3	18·2	156·7	58·2	75·1	5·2	SE	E	87·0
7	·346	·256	92·7	78·0	97·5	81·3	16·2	157·5	60·0	77·1	4·2	E	NNW	172·0
8	·364	·189	89·2	96·1	97·3	75·3	22·0	160·0	62·7	69·5	5·8	NE	NW	64·0
9	·219	·094	99·1	106·5	106·8	77·3	29·5	161·5	54·7	71·2	6·1	WNW	N	111·0
10	·175	·068	101·2	109·0	110·5	82·4	28·1	164·5	54·0	73·2	9·2	NW	NW	86·0
11	·227	·092	96·6	111·0	110·8	80·8	30·0	163·7	52·9	74·7	6·1	ESE	W	77·0
12	·297	·169	96·0	102·5	104·0	81·9	22·1	158·0	54·0	78·1	3·8	ENE	ESE	192·0
13	·315	·236	97·1	106·0	106·5	81·9	24·6	163·5	57·0	76·1	5·8	SE	N	97·0
14	·348	·222	101·0	109·0	110·0	79·8	30·2	168·7	58·7	72·2	7·6	NE	SE	57·0
15	·329	·239	102·5	109·5	110·5	80·8	29·7	166·0	55·5	72·2	8·6	SE	E	93·0
16	·280	·173	103·0	110·2	111·8	81·3	30·5	167·0	55·2	74·7	6·6	SE	NW	75·0
17	·236	·129	102·0	109·0	110·3	80·5	29·8	167·0	56·7	...	...	NW	NNW	72·0
18	·219	·104	100·0	109·7	111·0	81·9	29·1	167·0	56·0	75·6	6·3	SW	WNW	72·0
19	·221	·115	98·1	106·0	106·8	84·9	21·9	162·5	55·7	80·0	4·9	NW	W	116·0
20	·171	·067	101·0	106·0	109·3	86·9	22·4	165·5	56·2	81·7	5·2	NW	NW	105·0
21	·102	·010	104·0	108·7	110·8	83·9	26·9	168·5	57·7	75·1	8·8	WNW	NW	69·0
22	·117	·028	104·0	110·0	111·8	80·8	31·0	169·5	57·7	71·2	9·6	NNW	NNW	61·0
23	·125	·006	104·0	110·7	112·8	83·4	29·4	169·0	56·2	75·1	8·3	NW	WNW	56·0
24	·095	28·974	101·0	109·7	111·8	84·9	26·9	167·0	55·2	78·1	6·8	SE	WNW	66·0
25	·044	·918	102·2	109·2	111·5	88·4	23·1	166·7	55·2	82·0	6·4	S	NNW	65·0
26	·103	·996	86·2	94·1	94·8	84·9	9·9	145·5	50·7	...	...	ESE	ESE	188·0
27	·097	29·029	90·4	97·8	98·5	80·3	18·2	157·5	59·0	78·1	2·2	SE	NE	85·0
28	·209	·144	93·6	98·6	99·8	83·9	15·9	154·5	54·7	82·0	1·9	ESE	E	89·0
29	·236	·138	94·1	98·6	101·8	85·4	16·4	169·7	67·9	82·0	3·4	E	E	213·0
30	·190	·082	99·1	103·0	106·5	84·9	21·6	170·7	64·2	...	...	E	SSE	96·0
Mean	29·242	29·132	96·4	102·2	105·0	81·8	23·2	163·2	58·1	75·9	5·7	...	...	100·9

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	75·3	76·2	71·0	·643	·563	·613	42	27	56	...	5	4	Cs. *c.*	Cs. *c.* ⸗	
2	74·3	75·3	71·0	·622	·584	·628	42	33	59	...	4	10	Cs. *c.* ⸗	P. *o. d. t.* ⸗	
3	79·2	75·8	72·0	·837	·805	·708	57	73	74	0·03	7	9	Cs. *c.* ⸗ *l.*	Pc. *o. d. t.* ⸗	
4	77·7	77·2	73·0	·742	·732	·749	48	48	78	...	7	5	Cs. *c. d. l.*	C. Ck. *c. p. t.* ⸗	
5	75·3	75·8	73·5	·771	·732	·783	67	56	84	...	7	8	Pk. *c.* ⸗ *l. t.*	C. Cs. *d. t.* ⸗	
6	80·2	79·2	78·5	·990	·750	·970	87	42	93	...	9	6	Cs. Pk. *c. d. l. t.*	C. Ck. *o.*	
7	81·2	76·0	75·9	·910	·872	·823	59	91	77	0·30	3	9	Ck. *c. l.* ⸗ ∞	P. *c.* ⸗ ⊗ *d. t.*	
8	77·7	77·2	74·0	·796	·680	·824	58	40	93	...	6	2	Cs. *c. w. l.*	Ck. *c. h. w.* ∞	
9	74·3	74·8	74·0	·515	·436	·797	27	19	84	...	0	1	*c. h. w.* ∞	C. *c. h.* ∞	
10	76·2	75·3	70·0	·567	·423	·568	28	17	51	...	0	0	*b.*	*b. h. w.* ∞	
11	80·2	76·2	72·0	·810	·434	·668	46	16	62	...	5	2	Cs. *c.* ⸗ ∞	Cs. *c.* ⸗ ∞	
12	80·2	79·2	74·0	·816	·683	·784	47	32	67	...	3	0	K. *c.* ⸗ ∞	*c. b. h. w.* ∞	
13	81·2	77·9	73·0	·850	·577	·693	48	25	63	...	0	1	∞ *h. w.*	K. *b. c. h. w.* ∞	
14	76·2	75·3	72·5	·570	·423	·701	28	17	68	...	0	0	*b.*	*b.*	
15	80·7	77·2	70·0	·753	·498	·590	36	19	56	...	0	0	*b.*	*b.*	
16	77·7	73·5	73·0	·609	·332	·701	29	13	65	...	0	0	*b.*	∞ *b. w.*	
17	78·2	73·8	70·0	·644	·361	·594	31	15	57	...	0	0	*b.*	*b. h. w.* ∞	
18	81·2	73·0	73·0	·811	·318	·693	42	13	63	...	7	0	C.	*b. h. w.* ∞	
19	73·3	75·5	70·0	·487	·472	·534	26	21	44	...	0	0	∞ ☂	*h. w.* ∞	
20	76·2	75·0	70·0	·570	·451	·507	28	19	39	...	0	0	∞	*h. w.* ∞	
21	77·7	75·3	71·0	·595	·427	·586	27	17	50	...	0	0	∞	*h. w.* ∞	
22	76·2	76·0	72·0	·529	·439	·668	24	17	62	...	0	0	∞	∞	
23	76·2	81·2	72·0	·529	·666	·632	24	25	55	...	0	0	*b.*	∞ *b.*	
24	82·2	76·2	74·9	·846	·452	·782	42	18	61	...	0	1	*b.* ∞	C. *c. b.*	
25	82·2	79·2	76·1	·830	·592	·736	40	23	54	...	0	0	∞	∞	
26	78·2	81·4	76·9	·858	·901	·818	68	57	68	...	10	5	Cs. *c.* ☂	C. *o.* ⸗ ∞	
27	81·7	84·2	76·9	·966	·990	·881	68	55	85	0·15	10	7	Cs. *c. d. lr.*	P. *o.*	
28	81·4	82·7	79·9	·908	·904	·968	58	49	83	...	8	7	Cs. *c.* ⸗	K. *c.* ⸗	
29	82·2	81·7	78·9	·940	·855	·901	58	46	74	...	8	6	C. K. *c.* ⸗	Ck. *c.* ⸗	
30	83·2	83·2	78·9	·922	·868	·908	49	41	76	...	8	5	C. K. *c.*	Ck. *c.* ⸗	
Mean	78·6	77·3	73·6	·741	·607	·723	44	33	66	0·48	3·57	2·93			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·203	29·112	92·2	97·8	97·3	83·4	13·9	165·5	68·2	76·1	7·3	ESE	SSE	136·0
2	·203	·130	78·3	84·3	85·7	78·3	7·4	124·7	39·0	...	...	W	N	41·0
3	·182	·091	86·7	93·6	95·0	78·8	16·2	158·0	63·0	75·1	3·7	W	W	73·0
4	·165	·106	88·7	96·1	97·8	79·8	18·0	155·0	57·2	76·1	3·7	W	W	92·0
5	·196	·129	93·1	100·5	101·5	82·9	18·6	158·7	57·2	79·1	3·8	W	WNW	124·0
6	·215	·117	96·1	103·5	104·8	82·4	22·4	157·5	52·7	79·1	3·3	WSW	WNW	130·0
7	·197	·113	98·8	104·2	104·8	85·4	19·4	163·5	58·7	82·5	2·9	W	W	181·0
8	·218	·124	101·2	105·5	106·8	84·9	21·9	165·2	58·4	...	...	WNW	WNW	175·0
9	·248	·154	95·6	103·0	103·3	85·4	17·9	166·5	63·2	81·2	4·2	NE	WSW	134·0
10	·212	·099	96·3	104·5	105·3	84·1	21·2	159·5	54·2	76·1	8·0	WNW	NW	123·0
11	·236	·193	85·2	91·2	96·0	82·9	13·1	125·7	29·7	76·6	6·3	SSE	SSE	97·0
12	·192	·087	94·1	101·2	103·0	80·8	22·2	168·5	65·5	77·1	3·7	W	NNE	46·0
13	·212	·136	94·1	83·3	95·3	84·4	10·9	162·7	67·4	80·0	4·4	SE	NNE	88·0
14	·244	·144	88·4	92·2	92·4	81·5	10·9	151·5	59·1	79·1	2·4	E	E	245·0
15	·274	·189	87·7	95·1	96·3	79·8	16·5	156·5	60·2	77·6	2·2	E	E	176·0
16	·263	·169	90·2	95·8	96·5	79·8	16·7	159·0	62·5	74·7	5·1	SW	NNE	115·0
17	·198	·086	91·7	93·3	96·8	81·3	15·5	161·7	64·9	77·1	4·2	SW	SW	100·0
18	·165	·054	91·2	86·2	97·3	82·9	14·4	170·5	73·2	80·5	2·4	W	W	114·0
19	·169	·081	90·4	99·3	100·5	80·8	19·7	156·5	56·0	78·6	2·2	W	SW	145·0
20	·214	·131	92·2	100·0	101·0	82·4	18·6	158·5	57·5	77·1	5·3	W	ENE	151·0
21	·251	·154	90·7	98·8	101·5	80·8	20·7	159·7	58·2	...	...	SW	W	112·0
22	·190	·073	91·2	101·0	102·3	81·3	21·0	158·5	56·2	75·1	6·2	W	W	138·0
23	·145	·080	94·1	102·5	103·8	85·9	17·9	161·7	57·9	78·6	7·3	W	W	165·0
24	·247	·186	91·2	98·1	100·0	83·9	16·1	165·5	65·5	76·1	7·8	WNW	WNW	90·0
25	·356	·242	86·2	97·8	98·3	78·8	19·5	157·2	58·9	77·6	1·2	E	NW	100·0
26	·273	·141	95·1	101·7	102·8	84·4	18·4	164·5	61·7	79·1	5·3	SSE	SSE	40·0
27	·247	·133	82·3	93·1	94·0	81·9	12·1	146·5	52·5	...	...	SE	S	106·0
28	·150	·035	95·6	101·5	102·8	81·0	21·8	163·0	60·2	79·1	1·9	WNW	W	111·0
29	·145	·060	93·3	98·6	101·3	86·9	14·4	167·7	66·4	82·5	4·4	NW	NE	115·0
30	·187	·072	94·1	100·7	101·3	79·8	21·5	170·5	69·2	76·1	3·7	N	NNE	100·0
31	·201	·095	94·1	100·0	102·0	82·9	19·1	166·0	64·0	77·1	5·8	WNW	NNE	75·0
Mean	29·214	29·122	91·6	97·6	99·6	82·2	17·4	158·9	59·3	78·0	4·4	...	...	117·4

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	82·2	81·9	77·9	·966	·875	·883	64	48	77	...	7	10	Cs. *c.*	Cs. *o. d.* ☂	*o. d. t. l.* ☂
2	77·2	81·2	76·4	·921	1·025	·885	95	87	91	0·71	10	10	P. *o. d. r. l. t.*	Pk. *o. d. t.*	*o. d. l.*
3	80·2	81·7	77·4	·944	·923	·923	74	58	93	...	8	7	K. *c.*	Ck. *c.* ☂	*c. l. t.*
4	79·2	80·9	76·4	·871	·850	·866	64	50	85	...	0	7	*b.* ☂	Cs. *c.* ∞ ☂	*c.* ∞ ☂
5	79·2	78·2	78·9	·811	·665	·935	52	34	83	...	0	3	*b.* ☂ ∞	K. *c.* ☂ ∞	*c.* ☂
6	79·7	79·2	75·9	·793	·669	·808	46	31	73	...	0	4	*b.* ☂ ∞	Ck. *c.* ∞ ☂	*c.* ∞ ☂
7	76·2	76·9	76·4	·600	·557	·789	32	25	64	...	0	2	*b.* ☂ ∞	Ck. *c.* ☂ ∞	*c.* ∞ ☂
8	77·2	77·2	73·5	·610	·552	·673	30	24	56	...	1	4	K. *c.* ∞ ☂	Ck. *c.* ☂ ∞	*c.* ∞ ☂
9	76·9	78·4	74·0	·673	·640	·687	41	30	56	...	4	3	Cs. *c.*	C. Ck. *c.* ☂ ∞	*c. l. t.* ☂ ∞
10	77·2	80·4	73·5	·677	·712	·684	40	32	59	...	2	1	C. *c.*	K. *c.* ☂	*c. p.* ☂ *l. t.* ∞
11	78·2	80·2	75·9	·872	·883	·801	72	60	71	...	6	10	Ck. *c.*	P. *o. c.* ☂	*c.*
12	79·2	79·7	76·9	·797	·724	·873	49	37	83	...	6	7	C. Cs. *c.*	C. Cs. *c.*	*c.*
13	79·2	77·9	76·9	·797	·884	·825	49	77	70	0·24	8	10	K. *c. l.*	P. *c. o. d. t.*	*c. l.*
14	78·7	79·2	76·9	·852	·823	·864	64	54	81	...	6	9	C. *c.* ☂ *d.*	P. K. *o. t. c.*	*c.* ☂ *l. d.*
15	78·2	79·2	75·9	·838	·784	·844	64	47	82	0·05	9	7	K. *c. o.* ☂	Cs. Ck. *c.* ☂ & *d.*	*c. d. w.*
16	78·2	78·7	74·0	·804	·751	·763	56	45	74	0·05	8	7	K. *c.* ☂	Ck. *c.* ☂	*c.*
17	79·2	80·2	76·9	·830	·854	·866	56	55	81	...	8	10	K. *c.* ☂	Cs. *o. d.* ☂	*o. c.* ☂
18	82·2	79·9	77·9	·979	·937	·890	67	74	79	1·17	9	10	Pk. *o.* ☂	Cs. *o. r. t.*	*o.* ☂ *l.*
19	79·7	81·7	76·9	·870	·845	·873	62	45	83	...	10	10	Pc. *o.* ☂ *l.*	Cs. *p.* ☂	*o.* ☂ *d. l. t.*
20	78·4	80·4	74·3	·787	·773	·765	51	40	69	0·09	3	9	Cs. *c. d. l.*	Cs. *o.* ☂	*o. c. d. l.*
21	81·9	81·7	75·4	·971	·851	·808	67	46	76	0·19	5	7	Cs. *d. c.* ☂	Cs. *c.* ☂	*c. l. t. w.*
22	81·7	80·7	77·9	·955	·774	·911	65	39	85	0·16	5	5	Cs. *c. t.* ☂ *d.*	Cs. *c.* ☂	*c. p. l. t.*
23	79·2	81·7	74·0	·797	·801	·680	49	39	55	...	5	8	Cs. *c.*	Cs. *c.* ☂	*c. d.*
24	82·2	82·2	74·9	·979	·886	·745	67	48	64	...	10	10	Cs. *o.*	Cs. *o.*	*o.*
25	82·2	83·9	76·9	1·047	·975	·900	84	54	91	0·13	10	5	Pk. *o. d.*	Ck. *c. o.*	*c. lr. t. w.*
26	85·2	83·7	80·4	1·078	·911	·985	65	45	83	...	10	8	Cs. *o.*	Cs. *o. c.*	*c. t.*
27	79·2	82·7	78·9	·957	·978	·949	87	63	87	...	10	7	P. *c. o.* ☂ *p.*	Cs. Ck. *o.* ☂	*c.*
28	78·2	79·2	77·6	·731	·696	·902	43	34	85	...	10	5	Cs. *o. c.*	Cs. K. *o. c.* ☂	*c.*
29	79·2	83·2	75·4	·808	·929	·726	52	50	57	...	8	10	C. Cs. *c.* ☂	Cs. *o.* ☂	*o. c. p.*
30	80·2	83·2	76·6	·844	·899	·874	52	46	87	...	5	5	C. Cs. *c.*	C. Ck. *c.*	*c. d.*
31	81·2	83·2	76·9	·891	·909	·845	55	47	75	0·07	8	5	Cs. K. *c.*	Ck. *c.*	*c. l. t.*
Mean	79·6	80·6	76·4	·850	·817	·833	59	47	76	2·86	6·16	6·94			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·250	29·111	82·3	94·1	95·8	77·5	18·3	156·5	60·7	...	...	ESE	E	111·0
2	·205	·100	87·2	92·2	93·3	81·3	12·0	152·5	59·2	77·1	4·2	ENE	ENE	113·0
3	·205	·117	89·2	89·7	91·7	78·8	12·9	167·5	75·8	77·6	1·2	ESE	E	105·0
4	·235	·155	90·7	88·2	91·7	79·8	11·9	160·5	68·8	...	...	ESE	E	84·0
5	·266	·122	89·2	97·1	98·8	79·8	19·0	162·5	63·7	76·1	9·7	SE	S	61·0
6	·191	·067	92·2	100·0	101·8	82·9	18·9	167·5	65·7	78·1	4·8	SE	SW	44·0
7	·147	·078	96·1	87·2	101·8	83·9	17·9	160·5	58·7	80·0	3·9	SW	E	44·0
8	·080	28·969	94·1	103·0	103·8	80·8	23·0	160·5	56·7	76·6	4·2	NW	NW	105·0
9	·165	29·120	95·1	99·1	100·8	83·4	17·4	161·5	60·7	82·0	1·4	WNW	N	85·0
10	·201	·117	97·1	98·1	105·8	83·9	21·9	163·5	57·7	80·0	3·9	NW	NE	83·0
11	·168	·082	92·9	102·5	103·8	82·9	20·9	164·5	60·7	79·1	3·8	E	NE	61·0
12	·153	·068	93·1	102·7	106·8	84·9	21·9	165·5	58·7	81·0	3·9	S	N	56·0
13	·138	·065	97·1	106·0	107·3	81·9	25·4	162·5	55·2	77·6	4·3	WNW	WNW.	136·0
14	·179	·094	97·3	104·2	106·3	89·4	16·9	163·5	57·2	85·0	4·4	NW	WNW	124·0
15	·156	·060	94·3	105·0	104·8	84·4	20·4	164·5	59·7	80·5	3·9	W	WNW	93·0
16	·113	28·995	99·6	108·0	108·3	85·9	22·4	161·5	53·2	81·0	4·9	WNW	W	135·0
17	·135	29·005	101·0	108·0	107·8	89·9	17·9	160·5	52·7	...	...	W	W	190·0
18	·157	·061	97·1	107·0	107·8	87·4	20·4	161·5	53·7	83·0	4·4	W	SW	151·0
19	·187	·114	97·1	100·0	105·3	80·3	25·0	162·0	56·7	74·2	6·1	W	SW	142·0
20	·220	·122	96·3	99·1	104·0	77·3	26·7	162·0	58·0	...	...	W	NNE	67·0
21	·346	·256	92·7	97·6	99·0	79·3	19·7	158·5	59·5	76·1	3·2	SSE	E	87·0
22	·424	·310	93·1	99·1	99·8	80·3	19·5	165·5	65·7	75·3	5·0	SSE	E	95·0
23	·423	·291	94·6	100·0	100·8	81·3	19·5	164·5	63·7	77·1	4·2	SE	E	100·0
24	·410	·289	92·2	98·6	100·0	81·9	18·1	162·5	62·5	77·3	4·6	E	ESE	149·0
25	·373	·252	94·1	98·6	99·8	81·9	17·9	166·5	66·7	78·6	3·3	ESE	ESE	144·0
26	·381	·254	94·1	82·3	97·8	80·8	17·0	166·5	63·7	78·1	2·7	E	E	129·0
27	·330	·285	92·9	88·2	100·8	78·8	22·0	169·5	68·7	73·2	5·6	E	NNW	83·0
28	·370	·244	92·7	86·2	98·8	79·3	19·5	159·0	60·2	75·6	3·7	WNW	W	47·0
29	·328	·203	96·1	105·5	104·8	78·3	26·5	162·5	57·7	70·7	7·6	S	NNE	26·0
30	·378	·273	97·8	92·9	103·8	81·9	21·9	165·7	61·9	75·1	6·8	S	ESE	75·0
31	·394	·280	88·7	81·0	90·4	79·8	10·6	145·5	55·1	76·1	3·7	E	E	233·0
Mean	29·251	29·147	94·0	97·5	101·4	81·9	19·5	162·2	60·8	77·9	4·2	...	...	101·9

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	77·7	80·7	74·9	·889	·867	·832	81	54	89	...	10	4	Pk. *c. o. p. l.*	Ck. *o. c.*	*c.* ☂
2	80·2	80·7	76·9	·938	·893	·866	72	59	81	...	10	10	Pk. *o.* ☂	Pk. *o.*	*o. d. l. t.*
3	80·2	80·9	75·9	·910	·936	·857	66	66	87	0·17	9	10	Pk. *c. o. d. l.*	Pk. *o.* ☄	*o. c. l. t. w.*
4	82·2	81·7	77·9	·986	·996	·931	68	75	91	0·17	10	10	Pk. *o. l.*	Pk. *o. d. t.*	*o. l.*
5	81·2	83·2	77·9	·958	·949	·931	69	54	91	...	8	7	K. *c.*	K. *c.*	*c. l. w.*
6	83·7	84·2	78·9	1·041	·960	·935	69	49	83	...	10	10	Pk. *o.*	Pk. *o. l. t.*	*o. d. t. l.*
7	84·7	84·7	79·9	1·039	1·161	·968	61	90	83	0·12	4	10	Ck. C.	Pc. *o. r. t.* ☄	*o. c. l.*
8	80·7	82·7	78·9	·867	·843	·963	54	40	91	...	4	2	C. *c.*	C. *c. h. w.* ∞	*c.*
9	79·2	85·2	77·4	·784	1·024	·860	47	54	75	...	10	10	Cs. Ck. *o.*	Cs. *o. h. w.* ∞	*o.*
10	78·2	85·2	75·9	·711	1·037	·788	40	57	68	...	8	8	Cs. Ck. *c.*	Pk. *c. h. w.*	*c. h. w. l.*
11	82·4	82·2	77·9	·966	·826	·890	62	39	79	...	2	5	K. *c. l.*	K. *c.*	*c.*
12	83·2	84·2	78·4	·935	·923	·885	51	44	74	...	0	6	*b.*	K. *c. p.*	*c. p. l. t.*
13	79·2	80·2	74·5	·756	·682	·755	43	29	69	...	0	1	*b.*	K. *c. h. w.* ∞	*c. h. w.* ∞
14	77·9	81·2	75·9	·694	·754	·713	39	34	51	...	6	8	C. Cs. *c. d. l.*	Cs. K. *w. h.* ∞	*c. h. w.* ∞ ☄
15	81·2	84·2	78·9	·889	·891	·915	55	40	77	...	0	8	*b.*	K. *c. h. w.* ∞	*c. d. l. t.*
16	76·2	75·5	74·9	·588	·445	·718	31	19	58	...	4	2	K. *c. t.*	K. *c. h. w.* ∞	*c. h. w.* ∞
17	76·7	79·2	71·0	·591	·608	·505	30	25	36	...	0	0	*b.* ∞ ☄	*h. w.* ∞	∞ *b.*
18	77·2	79·9	73·0	·666	·655	·619	38	28	47	...	2	4	Cs. *c. h. w.* ∞	C. S. *c. h. w.* ∞	☂ *c. h. w.* ∞
19	76·9	75·3	72·0	·652	·545	·675	38	28	64	...	0	5	*b.*	Cs. *c. c. h. w.* ∞	*c.*
20	75·3	78·2	68·0	·595	·684	·562	34	36	59	...	1	10	Cs. *c.*	Pk. K. *c. o. t.*	*o. c. l. t. w.*
21	80·2	80·7	73·2	·863	·820	·736	56	46	74	...	2	5	K. *c.*	K. *c.* ☄	*c.* ☄
22	79·7	79·4	75·9	·834	·738	·837	53	40	80	...	4	4	K. *c.*	K. *c.* ☄ ∞	*c. w.*
23	80·2	79·7	76·9	·837	·741	·866	51	38	81	...	7	4	K. *c.*	K. *c.* ☄ ∞	*c. l. t.*
24	80·7	80·2	77·4	·893	·782	·880	59	42	81	...	8	5	K. *c. lr.*	K. *c.* ☄ ∞	*c.* ☄ ∞
25	81·9	81·7	76·9	·925	·855	·859	58	46	79	...	8	8	K. *c.* ☄	K. Pk. *c.* ☄	*c.* ☄ ☂
26	82·2	77·4	77·4	·940	·876	·896	53	79	85	...	8	9	Ck. K. *c.*	Pc. *o. c. d. t.*	*c. l. w.*
27	82·2	80·2	75·9	·956	·924	·857	62	69	87	...	5	10	K. *c.*	*o.* ☄ ∞ *d. t.*	*o. c. t. l. w.*
28	81·4	77·2	74·9	·920	·813	·808	59	65	80	...	2	10	K. *c.*	Cs. *o. t. d.*	*o. c. l. w.*
29	80·4	78·2	74·9	·826	·597	·821	49	26	84	...	1	4	K. *c.*	Cs. K. *c. d.*	*c. d. l. t.*
30	81·2	77·2	76·1	·841	·723	·824	47	47	75	...	0	3	*b. c.*	K. *c.* ☄ ∞ ☄	*b. c.* ☄ ∞ *l.* ☂
31	78·7	77·7	74·9	·847	·907	·801	63	85	78	...	9	10	Cs. K. *c. o.* ☄ ∞	P. *o.* ☄ ∞ *p.*	*o.* ☄ ∞ *p. l.*
Mean	80·1	80·6	75·9	·843	·821	·818	54	49	75	0·46	4·90	6·52			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·373	29·245	86·9	95·1	95·8	79·8	16·0	158·5	62·7	78·1	1·7	E	SE	252·0
2	·406	·261	92·2	98·1	99·8	80·8	19·0	160·0	60·2	77·1	3·7	SE	SE	140·0
3	·422	·295	94·1	99·1	101·8	80·8	21·0	162·5	60·7	76·1	4·7	S	SW	81·0
4	·276	·244	96·1	100·0	103·8	78·8	25·0	167·7	63·9	75·1	3·7	W	W	60·0
5	·293	·193	96·1	102·7	103·8	84·4	19·4	162·0	58·2	79·1	5·3	W	W	133·0
6	·297	·177	98·6	101·7	105·0	84·9	20·1	163·0	58·0	79·1	5·8	W	NW	92·0
7	·389	·254	88·9	95·1	95·8	79·5	16·3	160·7	64·9	79·3	0·2	SSE	E	133·0
8	·344	·202	93·6	98·1	99·8	78·8	21·0	167·5	67·7	74·2	4·6	SSE	ENE	55·0
9	·276	·151	95·1	82·0	99·8	80·8	19·0	170·5	70·7	76·1	4·7	SW	S	48·0
10	·272	·127	88·4	98·1	99 8	77·8	22·0	159·5	59·7	75·3	2·5	SW	W	60·0
11	·241	·137	90·2	98·6	99·3	76·8	22·5	154·5	55 2	74·2	2·6	WNW	WNW	93·0
12	·312	·239	92·2	98 1	101·3	80·0	21·3	159·0	57·7	...	...	W	WNW	140·0
13	·381	·273	93·6	100·0	102·3	78·0	24·0	161·0	58·2	75·1	3·7	W	WNW	100·0
14	·392	·261	94·8	101·2	102·8	83·9	18·9	158·7	55·9	77·6	6·3	W	NW	189·0
15	·406	·305	96·1	101·5	103·3	80·8	22·5	159·5	56·2	76·1	4·7	NW	NW	152·0
16	·439	·321	96·3	101·2	102·8	78·8	24·0	156·5	53·7	67·3	11·5	W	NW	105·0
17	·439	·331	96·1	100·2	103·3	78·3	25·0	161·0	57·7	71·2	7·1	W	NW	133·0
18	·439	·336	97·1	102·0	103·8	80·8	23·0	161·5	57·7	73·7	7·1	W	WNW	102·0
19	·460	·365	96·6	102·5	104·8	77·8	27·0	164·5	59·7	69·3	8·5	WNW	NNW	64·0
20	·488	·333	98·8	103·2	104·8	76·8	28·0	163·5	56·7	...	...	N	NNW	70·0
21	·391	·276	98·1	102·0	104·3	88·3	26·0	161·5	57·2	68·3	10·0	NNW	NW	76·0
22	·431	·311	96·1	103·0	105·8	74·8	31·0	164·0	58·2	66·5	8·3	N	WNW	40·0
23	·414	·295	96·3	102·5	104·8	78 3	26·5	166·2	61·4	...	...	S	N	41·0
24	·431	·312	95·1	99·8	104·5	78·8	25·7	164·5	60·0	73·2	5·6	NE	NE	49·0
25	·439	·318	95·3	100·5	103·8	79·5	24·3	166·5	62·7	74·2	5·3	NE	ENE	76·0
26	·433	·309	94·1	104·0	104·8	76·8	28·0	170·5	65·7	69·8	7·0	E	W	26·0
27	·435	·310	94·8	105·0	105·8	78·0	27·8	166·5	60·7	...	...	SSE	WNW	20·0
28	·462	·328	93·6	103·0	104·8	73·8	31·0	163·7	58·9	63·6	10·2	S	NW	23·0
29	·467	·312	91·2	103·5	105·8	68·4	37·4	164·0	58·2	59·4	9·0	NE	NW	27·0
30	·485	·351	92·2	104·0	105·8	69·9	35·9	161·5	55·7	53·5	11·4	WNW	WNW	38·0
Mean	29·392	29·272	94·3	100·2	102·8	78·5	24·3	162·7	59·9	72·6	6·0	...	...	87·4

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	79·2	80·2	76·6	0·895	·830	·874	70	50	87	...	10	8	Cs. Ck. *c.* ☂ ∞	Pk. Ck. *c. c.* ☂ ∞	*c.* ☂ ∞ *l.*
2	79·4	79·2	76·9	·832	·743	·873	54	41	83	...	5	4	K. *c.* ☂ *l.*	K. *c.* ☂	*c. l.*
3	79·2	78·2	76·1	·797	·684	·838	49	36	80	...	7	5	K. *c.*	K. *c.*	*c. lr.*
4	80·2	78·7	72·0	·816	·694	·695	47	36	70	...	6	5	K. *c lr.*	K. *c.*	*c. lr.*
5	78·7	78·7	75·9	·747	·657	·781	44	32	66	...	2	4	C. *c.*	K. *c.*	*c. l.*
6	80·7	79·2	74·9	·806	·694	·732	44	34	61	...	8	10	C. *c.*	Pk. *c. d.*	*c. c.* ☂ *d. l. t*
7	77·2	79·2	75·6	·777	·784	·835	57	47	82	...	2	3	C. *c.* ☂ *l.*	K. *c.* ☂ ∞	*c. w.*
8	79·7	79·2	74·9	·827	·743	·814	52	41	82	...	9	8	Pk. *c. c.*	Cs. K. *c.* ☂ ∞ *d. t.*	*c. l.*
9	81·4	77·2	74·9	·887	·871	·787	54	79	74	0·30	8	9	K. *c. l. t.*	Pk. *c. c. r. t.*	*c. l.*
10	80·7	81·2	74·9	·945	·837	·828	71	46	86	...	8	9	Cs. K. *c. l.*	Pk. *c. c.*	*c. c. l.*
11	78·2	77·2	73·0	·804	·646	·762	56	35	82	0·35	3	4	C. *c. l. t.*	Cs. *c.*	*c. w.*
12	74·8	77·2	71·0	·629	·653	·639	42	36	62	...	4	8	C. *c.* ☂	Pk. *c.* ☂	*c. w.*
13	74·3	72·8	74·5	·589	·441	·797	37	23	80	...	2	7	C. *c.*	C. *c.* ☂ ∞	*c.* ☂ ∞ *d. lr.*
14	74·8	74·3	71·2	·593	·487	·594	36	24	52	...	0	1	*u* ☂ ∞ *lr.*	K. *c.* ☂ ∞	*c. b. w.*
15	71·3	73·3	70·5	·434	·441	·609	25	22	58	...	0	0	...	*b.* ☂ ∞	*b. w.*
16	74·3	72·3	68·0	·552	·405	·541	32	20	54	...	0	2	*w.*	K. *c.* ☂ ∞	*c. b.* ☂ ∞ *w.*
17	75·5	72·3	69·0	·606	·418	·585	36	21	60	...	0	4	*b.*	K. *b. c. h. w.* ∞	*c. h. w.* ∞
18	74·3	73·8	68·5	·542	·455	·533	30	23	50	...	3	4	C. *c.*	C. K. *c. h. w.* ∞	*c. h. w.* ∞
19	76·2	75·3	68·7	·629	·511	·581	36	24	61	...	0	2	*b.*	K. *c. h. w.* ∞	*c. b. w.*
20	75·8	76·2	68·0	·582	·540	·568	31	25	61	...	0	4	*b.*	K. *c. h. w.* ∞	*c. w.*
21	72·3	69·8	66·5	·447	·296	·494	24	15	51	...	1	3	C. *b. l.*	Ck. *c.* ☂ ∞	*c. w.*
22	72·8	73·8	66·0	·494	·442	·523	29	21	60	...	1	5	C. *c.*	C. *c.*	*c w.*
23	79·9	72·5	71·5	·799	·396	·682	46	19	70	...	0	4	*b.*	K. *c. h. w.* ∞	*c. b. w.*
24	80·2	75·0	73·0	·830	·535	·735	50	28	74	...	0	7	*b.*	K. *c.*	*c. b. w.*
25	80·4	76·2	74·2	·837	·576	·775	50	29	76	...	0	7	*b.*	K. *c.*	*c. b. w.*
26	80·2	75·3	72·5	·844	·491	·742	52	23	80	...	0	5	*b.*	K. *c:*	*c. b. w.*
27	80·2	73·3	72·0	·834	·394	·706	51	18	74	...	0	5	*b.*	K. *c.*	*c. w.*
28	78·9	71·5	68·5	·790	·349	·627	50	17	74	...	1	0	C. *c. b.*	*b.*	*b. w.*
29	70·0	68·3	61·0	·450	·221	·439	31	10	63	...	0	0	*b.*	*b. h. w.* ∞	*b. h. w.* ∞
30	73·3	71·3	58·1	·567	·328	·329	37	15	44	...	0	0	*b.*	*b. h. w.* ∞	*b. w.*
Mean	77·1	75·4	71·3	·706	·552	·677	44	30	69	0·65	2·60	4·57			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·456	29·326	93·1	104·0	105·8	67·9	37·9	162·5	56·7	58·5	9·4	NW	N	40·0
2	·477	·350	88·2	101·5	102·8	74·8	28·0	159·5	56·7	65·3	9·5	ESE	NW	49·0
3	·533	·405	90·2	99·6	101·0	78·3	22·7	158·5	57·5	72·2	6·1	E	SSW	69·0
4	·530	·405	92·2	92·9	101·8	76·3	25·5	162·5	60·7	68·8	7·5	SE	E	48·0
5	·551	·439	79·3	85·2	85·7	78·8	6·9	145·5	59·8	72·2	6·6	NE	S	182·0
6	·566	·493	84·3	74·3	89·7	71·8	17·9	152·5	62·8	67·8	4·0	S	E	134·0
7	·605	·534	71·5	70·8	73·9	70·4	3·5	99·5	25·6	69·3	1·1	E	E	169·0
8	·578	·462	72·3	74·3	74·7	68·9	5·8	105·5	30·8	68·3	0·6	E	ESE	219·0
9	·567	·463	75·3	81·3	82·7	70·1	12·6	139·5	56·8	67·3	2·3	ESE	ESE	114·0
10	·569	·462	79·0	85·0	85·2	71·8	13·4	156·5	71·3	69·3	2·5	ESE	NW	10·0
11	·566	·456	82·3	86·2	87·7	70·9	16·8	147·5	59·8	66·8	4·1	NNE	NW	20·0
12	·606	·499	81·3	87·7	87·7	70·4	17·3	156·5	68·8	65·8	4·6	NNE	NE	10·0
13	·677	·574	84·0	88·2	89·7	70·4	19·3	146·0	56·3	64·3	6·1	NE	W	30·0
14	·590	·493	84·3	88·2	89·7	69·1	20·6	145·5	55·8	64·3	4·8	W	NW	34·0
15	·568	·467	84·3	90·4	91·7	66·0	25·7	147·5	55·8	58·0	8·0	WNW	WNW	11·0
16	·574	·483	85·2	92·7	93·8	67·0	26·8	150·0	56·2	59·4	7·6	WNW	NW	11·0
17	·613	·473	85·2	93·1	93·8	69·9	23·9	150·5	56·7	62·4	7·5	NW	NW	24·0
18	·580	·486	89·2	94·1	94·8	71·4	23·4	159·5	64·7	66·3	5·1	WNW	WNW	18·0
19	·563	·456	87·2	95·1	95·8	68·9	26·9	151·5	55·7	61·4	7·5	WNW	NW	35·0
20	·580	·491	88·2	91·2	93·8	72·3	21·5	151·0	57·2	64·3	8·0	N	NW	68·0
21	·581	·482	82·3	89·2	89·5	64·0	25·5	141·0	51·5	51·4	12·6	NW	NW	78·0
22	·619	·512	82·3	87·7	90·2	59·1	31·1	154·0	63·8	48·4	10·7	NW	NNW	58·0
23	·621	·517	84·3	87·2	89·7	58·1	31·6	147·5	57·8	49·4	8·7	NE	NE	29·0
24	·664	·564	79·8	85·7	87·7	56·1	31·6	146·5	58·8	...	...	WNW	WSW	45·0
25	·727	·627	76·3	80·3	85·7	57·1	28·6	145·5	59·8	47·9	9·2	WSW	WSW	10·0
26	·745	·612	80·3	84·8	86·7	55·6	31·1	147·5	60·8	45·9	9·7	SW	NNW	8·0
27	·745	·621	79·8	88·2	89·2	54·1	35·1	147·5	58·3	43·8	10·3	NW	S	9·0
28	·747	·620	81·5	87·2	89·2	58·1	31·1	148·5	59·3	48·4	9·7	S	E	22·0
29	·801	·572	83·3	87·2	89·2	59·6	29·6	147·0	57·8	51·9	7·7	E	E	26·0
30	·683	·569	83·3	88·2	89·7	61·0	28·7	147·0	57·3	56·0	5·0	ENE	NE	12·0
31	·746	·601	83·3	88·2	90·7	61·5	29·2	146·5	55·8	47·6	13·9	NE	NW	15·0
Mean	29·614	29·501	83·0	88·1	90·3	66·8	23·5	147·3	57·0	60·1	7·0	...	...	51·8

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	71·3	70·3	63·0	0·475	·289	·511	30	14	74	...	0	0	*b.*	*b. h. w.* ∞	*b. w.*
2	75·3	75·8	66·7	·704	·545	·548	52	27	64	...	0	0	*b.*	*b.*	*b. w.*
3	80·2	79·2	72·5	·897	·723	·722	63	38	74	...	0	3	*b.*	K. *c.* ☂	*b. w.*
4	78·2	75·3	72·0	·777	·640	·728	51	42	79	...	5	9	C. *c.*	Pk. K. *c. o. t.*	*c. t. l.*
5	74·3	73·8	73·0	·782	·682	·735	78	56	74	...	10	4	Pk. P. *o. l.*	Ck. K. *o. c.* ☂ ∞ ☒ *d. t.*	*c.* ☂ ∞ *l.*
6	75·0	71·3	70·0	·744	·728	·711	62	86	90	...	10	10	Pc. *o.* ☂ ∞ *l.*	P. *o.* ☂ ∞ *d.*	*o.* ☂ *d. l. t.*
7	69·0	69·3	68·0	·677	·698	·654	88	92	88	0·60	10	10	Pc. *o.* ☂ *d. l.*	P. *o.* ☂ *r. d.*	*o.* ☂ *d. r. l. t.*
8	70·3	72·3	68·0	·716	·767	·674	90	90	95	1·76	10	10	P. *o.* ☂ *l. t.*	P. *o.* ☂ *r. d. t.*	*o.* ☂ *d. l. t.*
9	73·3	76·7	69·0	·794	·858	·696	90	81	95	...	10	7	Pc. *o. l.*	Pk. K. *c.*	*c. w.*
10	74·8	75·3	70·0	·807	·748	·711	82	62	90	...	8	4	Pk. K. *c.*	K. *c. d.*	*c. w.*
11	76·2	76·2	70·0	·823	·770	·722	75	61	95	...	7	7	K. *c.*	Pk. K. *c.*	*c. w.*
12	75·8	75·3	69·5	·819	·711	·711	77	54	95	...	8	3	K. *c.*	K. *c.*	*c. l. w.*
13	75·3	73·3	69·5	·761	·621	·711	65	46	95	...	0	1	C. *b. l.*	K. *c.*	*c. b. w.*
14	73·3	71·3	68·0	·673	·540	·672	57	40	95	...	0	0	*b.*	*b.*	*b. w.*
15	73·2	71·3	64·5	·669	·511	·589	57	36	92	...	0	0	*b.*	*b.*	*b. w.*
16	72·3	72·3	65·5	·621	·520	·610	51	33	92	...	0	0	*b.*	*b.*	*b. w.*
17	72·8	73·3	67·0	·640	·555	·624	53	35	85	...	0	2	*b.*	C. *c.*	*c. b. w.*
18	74·3	73·3	67·0	·649	·541	·604	47	33	78	...	8	2	Cs. *c.*	C. *c.*	*c. w.*
19	72·3	74·3	66·7	·594	·569	·627	45	34	90	...	2	0	C. *c.*	*b.*	*c. w.*
20	69·3	65·3	64·0	·464	·279	·487	34	19	60	...	0	1	*b.*	C. *c.*	*b. w.*
21	63·4	64·1	57·1	·332	·264	·377	30	19	63	...	0	1	*b.*	C. *c.* ☂ ∞	*b. w.*
22	63·4	62·9	55·1	·332	·244	·383	30	18	76	...	1	2	K, *c.*	K. *c.*	*c. w.*
23	65·3	63·4	56·1	·371	·267	·426	31	20	88	...	0	0	*b.*	*b.*	*b. w.*
24	63·4	63·4	52·1	·367	·287	·388	35	23	75	...	0	0	*b.*	*b.*	*b. w.*
25	62·4	65·3	54·1	·379	·425	·381	41	41	81	...	10	8	Cs. *o.*	Cs. *c.*	*c. w.*
26	64·3	61·9	54·1	·390	·250	·401	37	21	91	...	2	4	C. *c.*	C. *c.*	*c. b. w.*
27	64·8	65·3	51·6	·414	·319	·350	41	23	84	...	0	0	*b.*	*b.*	*b. w.*
28	65·3	67·3	55·1	·409	·403	·396	38	31	81	...	0	0	*b.*	*b.*	*b. w.*
29	67·5	68·3	57·1	·463	·440	·435	40	34	85	...	0	0	*b.*	*b.*	*b. c. w.*
30	69·3	68·8	59·1	·530	·445	·478	46	33	88	...	7	0	C. *c.*	*b.*	*b. w.*
31	69·3	69·3	60·0	·530	·464	·499	46	34	91	...	0	0	*b.*	*b.*	*b. w.*
Mean	70·8	70·5	63·7	·600	·519	·565	54	41	84	2·36	3·48	·284			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·673	29·559	83·8	88·7	90·2	60·6	29·6	147·5	57·3	52·9	7·7	W	NW	52·0
2	·646	·518	80·3	88·2	90·7	56·1	34·6	148·0	57·3	47·6	8·5	W	NW	22·0
3	·594	·452	80·3	86·2	88·7	55·6	33·1	146·7	58·0	...	...	NW	NW	20·0
4	·564	·440	81·3	87·2	88·7	58·1	30·6	146·5	57·8	50·4	7·7	W	NW	46·0
5	·554	·448	80·8	90·7	92·8	56·1	36·7	147·5	54·7	48·4	7·7	W	WNW	40·0
6	·614	·523	82·3	91·2	92·2	60·6	31·6	146·2	54·0	50·4	10·2	W	WNW	26·0
7	·696	·596	81·3	85·2	92·8	63·2	29·6	145·5	52·7	56·0	7·2	NE	NE	30·0
8	·702	·588	79·3	86·7	88·7	60·6	28·1	145·0	56·3	51·9	8·7	N	NNW	58·0
9	·751	·663	82·3	87·7	89·4	60·1	29·3	146·5	57·1	...	...	W	NW	34·0
10	·766	·656	78·8	85·7	87·7	55·6	32·1	146·0	58·3	45·9	9·7	NW	NW	39·0
11	·709	·602	80·3	87·4	88·7	56·1	32·6	147·0	58·3	44·3	11·8	WSW	NW	49·0
12	·707	·618	80·3	86·2	88·7	58·3	30·4	147·5	58·8	45·9	12·4	NW	NW	30·0
13	·766	·654	81·5	85·2	88·7	57·6	31·1	147·5	58·8	43·3	14·3	NW	N	21·0
14	·741	·600	79·3	88·2	89·4	58·1	31·3	144·5	55·1	49·6	8·5	W	W	49·0
15	·699	·594	82·3	87·2	90·2	58·1	32·1	148·5	58·3	48·4	9·7	WNW	NW	24·0
16	·675	·538	79·3	85·2	86·7	54·6	32·1	143·5	56·8	45·4	9·2	W	W	36·0
17	·668	·564	78·5	88·2	88·7	55·1	33·6	145·5	56·8	45·4	9·7	W	NW	28·0
18	·718	·622	78·3	88·2	89·2	56·6	32·6	145·5	56·3	...	...	NW	NW	28·0
19	·719	·606	78·3	88·2	90·2	57·1	33·1	147·5	57·3	46·4	10·7	NW	NW	48·0
20	·698	·604	79·8	83·3	86·2	60·1	26·1	149·0	62·8	47·4	12·7	NW	NW	55·0
21	·724	·599	74·3	83·3	84·4	63·5	20·9	144·5	60·1	56·5	7·0	NW	NW	68·0
22	·746	·624	75·8	84·3	87·7	58·1	29·6	142·5	54·8	48·4	9·7	NW	N	47·0
23	·727	·612	80·3	84·3	86·7	56·1	30·6	150·5	63·8	48·4	7·7	NE	SW	12·0
24	·729	·594	78·3	84·5	86·7	58·1	28·6	140·5	53·8	51·9	6·2	S	S	47·0
25	·685	·582	79·3	87·2	89·7	58·1	31·6	143·5	53·8	48·4	9·7	S	SSW	41·0
26	·667	·554	81·3	84·0	86·9	62·5	24·4	145·5	58·6	57·5	5·0	SW	NNW	58·0
27	·634	·534	75·3	78·5	83·2	63·0	20·2	145·0	61·8	55·0	8·0	NW	NW	82·0
28	·665	·578	70·8	75·5	78·4	59·1	19·3	140·0	61·6	51·4	7·7	W	W	62·0
29	·682	·570	70·3	78·3	81·7	54·1	27·6	137·5	55·8	44·3	9·8	W	WNW	52·0
30	·733	·595	68·9	75·3	77·7	54·1	23·6	137·5	59·8	...	...	NW	WNW	48·0
Mean.	29·688	29·576	78·8	85·3	87·7	58·2	29·6	145·3	57·6	49·3	9·1	...	...	41·7

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	69·5	65·3	58·1	·530	·312	·452	45	23	85	...	0	0	*b.*	*b.* ⚡ ∞	*b. w.*
2	64·3	65·3	54·1	·390	·319	·394	37	23	87	...	0	0	*b.*	*b.*	*b. w.*
3	64·3	64·3	53·1	·390	·311	·373	37	24	84	...	0	0	*b.*	*b.*	*b. w.*
4	65·3	65·3	55·1	·411	·332	·396	38	25	81	...	0	0	*b.*	*b.* ⚡ ∞	*b. w.*
5	65·8	68·3	54·1	·436	·393	·394	42	27	87	...	0	0	*b.*	*b.* ⚡ ∞	*b. w.*
6	68·0	72·3	57·6	·494	·540	·437	44	36	82	...	0	0	*b.*	*b.*	*b. c.*
7	70·3	70·3	61·0	·595	·542	·509	56	44	89	...	7	6	C. *c.*	C. *c.*	*c. b. w.*
8	67·3	69·3	59·1	·509	·484	·483	51	38	91	...	0	0	*b.*	*b.*	*b. w.*
9	67·3	65·3	57·6	·469	·326	·443	42	24	85	...	2	0	C. *b.*	*c.*	*b. w.*
10	65·3	65·3	53·1	·445	·352	·373	45	28	84	...	0	1	*b.*	*b. c.* ⚡ ∞ *c.*	*b. w.*
11	65·8	68·3	52·6	·442	·437	·351	43	34	78	...	0	0	*b.*	*b.* ⚡ ∞	*b. w.*
12	67·8	68·5	56·1	·514	·461	·423	50	38	88	...	0	0	*b.*	*b.*	*b. w.*
13	68·3	69·3	55·6	·516	·504	·418	48	41	88	...	3	0	C. *b. c.*	*b.*	*b. w.*
14	66·3	68·3	56·6	·473	·426	·440	47	32	91	...	3	2	C. *c.*	C. *c.*	*c. w.*
15	67·8	67·3	55·1	·487	·403	·396	44	31	81	...	0	0	*b.*	*b.*	*b. w.*
16	65·8	66·3	52·1	·438	·394	·357	43	32	84	...	2	0	C. *b. c.*	*b.*	*b. w.*
17	66·3	68·3	53·1	·484	·426	·379	50	32	87	...	0	0	*b.*	*b.* ⚡ ∞	*b. w.*
18	67·8	68·8	55·1	·540	·445	·416	56	33	91	...	0	0	*b.*	*b.*	*b. c. w.*
19	65·3	65·3	55·1	·451	·319	·410	46	23	87	...	3	5	C. *c.*	C. *c.* ⚡ ∞	*c.*
20	64·3	65·3	55·1	·403	·384	·370	40	33	71	...	6	8	C. *c.*	C. *c.* ⚡ ∞	*c. b.*
21	62·9	62·6	57·6	·423	·293	·399	50	26	68	...	0	0	*b.*	*b.*	*b.*
22	63·4	65·3	52·1	·419	·371	·311	46	31	64	...	0	0	*b.*	*b.*	*b. w.*
23	69·3	68·3	53·8	·570	·479	·385	55	40	84	...	0	0	*b.*	*b.*	*b. c.*
24	68·3	67·5	56·1	·559	·447	·426	58	38	88	...	2	3	C. *c.*	Ck. *c.*	*c. w.*
25	68·3	69·3	56·1	·546	·477	·426	54	36	88	...	2	0	K. *c.*	*b.*	*b. c. l.*
26	67·3	69·3	58·1	·482	·520	·427	45	45	75	...	3	7	Cs. *c. l.*	Pk. *c.*	C. *c. b.*
27	65·3	65·3	59·6	·492	·466	·467	56	48	80	...	0	7	*b.*	C. *c.* ⚡ ∞	*c.*
28	62·6	60·4	56·3	·460	·325	·418	62	37	82	...	4	1	C. *c.*	C. *c.* ⚡ ∞	*c. b.*
29	60·4	60·4	50·6	·395	·289	·324	53	29	77	...	0	3	*b.*	C. *c.*	*c. b. w.*
30	59·9	57·4	50·1	·397	·236	·310	56	26	74	...	0	0	*b.*	*b.* ⚡ ∞	*b.*
Mean	66·0	66·4	55·3	·472	·400	·404	48	33	83	...	1·40	1·42			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	10 hours	16 hours	Total miles
1	29·746	29·627	66·4	73·3	75·2	47·2	28·0	135·5	60·3	35·2	12·0	WNW	WNW	23·0
2	·775	·665	68·9	75·3	78·2	43·3	34·9	137·5	59·3	32·2	11·1	WNW	ENE	7·0
3	·771	·653	69·4	77·3	79·7	42·8	36·9	136·5	56·8	31·2	11·6	NNE	S	6·0
4	·768	·623	66·4	74·8	78·7	44·8	33·9	136·5	57·8	31·2	13·6	S	WNW	8·0
5	·728	·623	65·9	74·8	76·7	46·7	30·0	139·5	62·8	34·2	12·5	WNW	NW	12·0
6	·774	·658	69·4	77·3	79·2	45·7	33·5	139·5	60·3	...	...	SW	NW	19·0
7	·745	·643	61·9	65·4	66·5	49·4	17·1	85·5	19·0	39·3	10·1	C	C	2·0
8	·723	·622	69·4	77·3	79·7	56·6	23·1	142·0	62·3	48·9	7·7	WNW	NW	32·0
9	·756	·569	68·4	74·3	75·9	58·1	17·8	139·5	63·6	46·4	11·7	ESE	SE	127·0
10	·702	·678	61·4	64·4	74·7	58·1	16·6	110·5	35·8	53·5	4·6	SE	SE	132·0
11	·850	·736	56·0	61·4	65·3	47·7	17·6	124·5	59·2	40·8	6·9	NW	NW	88·0
12	·796	·700	54·9	63·4	66·8	45·2	21·6	121·0	54·2	38·3	6·9	NW	W	34·0
13	·830	·720	57·4	64·4	66·0	46·7	19·3	127·0	61·0	31·2	15·5	WNW	NW	30·0
14	·830	·728	58·4	65·4	66·8	48·2	18·6	120·0	53·2	41·3	6·9	WNW	WNW	14·0
15	·812	·686	58·9	65·4	67·8	47·2	20·6	138·0	70·2	38·3	8·9	WNW	NW	24·0
16	·791	·671	59·4	64·4	67·8	45·7	22·1	125·5	57·7	...	...	NW	NW	28·0
17	·795	·672	58·4	67·4	73·7	44·3	29·4	130·5	56·8	34·7	9·6	NW	ENE	14·0
18	·756	·666	58·4	65·4	68·8	50·2	18·6	131·5	62·7	38·8	11·4	W	NW	77·0
19	·763	·653	66·4	70·5	72·7	56·1	16·6	129·5	56·8	45·9	10·2	NW	NW	79·0
20	·746	·640	57·4	62·4	63·3	51·2	12·1	123·0	59·7	43·3	7·9	WNW	NW	128·0
21	·759	·660	53·0	62·4	64·0	49·4	14·6	126·7	62·7	41·3	8·1	NW	NW	25·0
22	·762	·651	59·4	68·6	69·3	43·3	26·0	125·0	55·7	33·7	9·6	NW	NW	15·0
23	·764	·674	67·4	74·3	75·9	49·7	26·2	130·5	54·6	40·3	9·4	ENE	NW	12·0
24	·777	·675	69·4	75·3	79·2	52·2	27·0	133·5	54·3	38·3	13·9	WNW.	WNW	19·0
25	·777	·588	69·4	77·8	79·7	56·1	23·6	134·0	54·3	...	...	W	W	84·0
26	·706	·599	66·9	74·3	75·7	58·6	17·1	132·5	56·8	51·4	7·2	NW	NNW	87·0
27	·735	·601	61·4	70·3	75·7	51·2	24·5	139·5	63·8	48·4	2·8	NW	NE	25·0
28	·663	·497	64·4	73·3	74·2	52·2	22·0	121·5	47·3	44·3	7·9	NE	SE	74·0
29	·577	·483	65·4	71·3	72·7	59·1	13·6	126·5	53·8	43·4	10·7	SE	SE	51·0
30	·630	·501	62·4	66·4	71·7	56·1	15·6	137·5	65·3	...	...	NW	NE	51·0
31	·581	·471	64·4	67·4	71·7	56·1	15·6	137·5	65·8	...	...	NNE	NW	77·0
Mean	29·748	29·633	63·2	69·9	72·7	50·3	22·4	129·6	56·9	40·4	9·6	...	...	45·3

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	56·4	57·4	43·1	·324	·262	·226	49	31	70	...	0	0	*b.*	*b.*	*b. w.*
2	57·9	59·4	41·1	·335	·297	·230	47	33	83	...	0	0	*b.*	*b.*	*b. w.*
3	58·4	61·4	40·6	·344	·334	·226	47	35	83	...	0	2	*b.*	Cs. *b. c.*	*c. b. w.*
4	58·6	61·4	43·1	·390	·367	·257	60	42	88	...	0	2	*b.*	C. *b. c.*	*c. b. w.*
5	58·4	61·4	46·1	·391	·367	·305	61	42	96	...	9	7	Cs. *c.*	Cs. *c.*	*c.*
6	59·4	62·4	44·6	·375	·366	·281	52	38	92	...	2	0	C. *c.*	*b. c.*	*b. c.*
7	54·3	59·4	46·3	·323	·428	·274	58	68	78	...	10	10	Cs. *c.*	Cs. *b.*	*c. c.*
8	60·4	64·3	53·1	·407	·430	·359	56	46	78	...	5	5	Ck. *c.*	Ck. *c.* /	*c.* /
9	62·6	66·5	54·1	·492	·547	·368	70	64	76	0·04	7	10	Cs. *c. c. d.*	Pk. *c.* /	*c.* / *p. l.*
10	60·9	63·4	56·1	·529	·572	·426	97	95	88	1·20	10	10	P. *c.* / *r.*	Pc. *c.* / *d.*	*c. b. p.*
11	51·8	53·3	45·6	·319	·301	·279	69	55	85	0·06	0	0	*b.*	*b.* /	*b. w.*
12	51·3	56·4	43·1	·332	·364	·252	77	62	84	...	0	0	*b.*	*b.*	*b. w.*
13	54·3	56·4	45·1	·382	·350	·281	81	58	89	...	0	0	*b.*	*b.*	*b. w.*
14	55·0	56·4	46·1	·389	·337	·285	79	53	85	...	0	0	*b.*	*b.*	*b. w.*
15	55·4	57·4	45·6	·394	·367	·286	79	58	89	...	0	2	*b.*	C. *c.*	*c. w.*
16	54·3	56·4	43·6	·356	·350	·257	70	58	84	...	5	0	C. *c.*	*c. b.*	*b. c.*
17	53·3	58·9	43·1	·341	·386	·264	70	58	92	...	4	4	C. *c.*	Cs. *c.*	*c. w.*
18	56·6	60·6	49·1	·437	·467	·335	88	73	93	0·05	10	5	Pk. *c. p.*	Ck. *c. c.*	*c. w.*
19	61·4	64·3	55·1	·479	·521	·423	73	70	94	...	3	1	Ck. *c.*	C. *c.*	*c. w.*
20	54·3	57·4	50·1	·382	·407	·349	81	72	93	...	8	6	K. *c.*	K. *c.* /	*c. w.*
21	51·3	56·1	47·6	·371	·368	·307	90	64	86	...	10	0	Cs. *c.*	*c. b. c.*	*c. b. w.*
22	56·4	59·9	42·1	·417	·401	·253	82	58	92	...	4	0	C. *c.*	*c. b.*	*b. w.*
23	62·6	62·1	48·6	·505	·396	·329	74	47	93	...	0	0	*b.*	*b.*	*b. w.*
24	60·9	65·3	51·1	·423	·492	·362	59	56	93	...	4	9	C. *c.*	C. *c.*	*c. b. w.*
25	60·9	67·3	55·1	·423	·529	·423	59	55	94	...	0	1	*b.*	C. *b. c.* /	*b. w.*
26	61·9	64·3	56·1	·489	·470	·419	74	55	85	...	0	4	*b.*	C. *b. c.*	*c. w.*
27	59·4	62·4	50·1	·482	·459	·349	88	61	93	...	10	8	Cs. *c. c.*	C. *c. c.*	*c.*
28	61·9	64·3	51·1	·522	·483	·362	86	58	93	...	4	8	C. *c. m.*	C. *c.* /	*c.*
29	61·4	63·4	57·1	·493	·479	·442	78	62	88	...	10	10	Pk. *c.*	Pk. *c. d.*	*c. l. r.*
30	59·4	61·4	54·1	·468	·479	·394	83	73	87	...	10	10	Pk. *c.*	Pk. *c.*	*c. l. r.*
31	58·4	57·9	54·1	·411	·355	·394	68	53	87	0·05	5	4	K. *c. p.*	K. *c.*	*c.*
Mean	57·7	60·6	48·4	·411	·411	·323	71	57	87	1·40	4·19	3·81			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·338	29·415	29·347	29·378	29·369	41·4	55·6	68·2	45·4	52·6	71·3	40·1	31·2	132·4	61·1	33·1	7·0	C	E	C	C	9·5
2	·386	·431	·348	·370	·384	39·0	55·8	69·8	44·6	52·3	71·1	37·0	34·1	125·1	54·0	29·0	8·0	C	C	W	C	12·1
3	·315	·360	·277	·344	·324	39·3	61·1	69·2	49·6	54·8	70·5	37·0	33·5	129·9	59·4	30·6	6·4	C	W	SW	C	23·9
4	·319	·370	·304	·340	·333	40·5	58·7	69·3	45·1	53·4	71·8	38·5	33·3	122·9	51·1	32·2	6·3	C	N	W	C	20·2
5	·335	·424	·364	·414	·384	41·4	57·5	63·7	46·6	52·3	64·7	39·0	25·7	95·4	30·7	33·2	5·8	E	N	ENE	C	11·5
6	·403	·458	·373	·394	·407	47·2	61·0	69·6	52·6	57·6	70·4	43·7	26·7	122·9	52·5	38·2	5·5	C	E	NE	C	20·2
7	·394	·450	·367	·409	·405	48·4	61·1	70·3	47·6	56·9	74·1	42·0	32·1	122·4	48·3	36·0	6·0	C	E	S	C	13·5
8	·395	·452	·365	·394	·402	46·0	61·7	69·5	52·6	57·5	71·1	40·7	30·4	119·6	48·5	33·8	6·9	C	W	E	C	13·5
9	·358	·398	·295	·312	·341	44·4	54·6	68·8	50·6	54·6	71·1	43·5	27·6	122·1	51·0	37·2	6·3	C	E	SW	C	15·5
10	·276	·310	·201	·195	·245	49·4	58·9	65·5	55·6	57·4	65·8	47·3	18·5	84·1	18·3	41·2	6·1	NE	E	ENE	N	40·8
11	·051	·122	·055	·121	·085	55·6	57·5	57·7	48·6	54·8	58·6	55·0	3·6	67·6	9·0	51·7	3·3	E	E	E	E	165·6
12	·138	·259	·226	·294	·229	49·0	55·6	56·8	50·2	53·0	60·6	47·8	12·8	124·4	63·8	46·8	1·0	E	E	NE	C	103·9
13	·289	·386	·348	·383	·352	42·6	49·3	57·5	46·6	49·0	59·1	40·1	19·0	116·4	57·3	39·1	1·0	C	E	E	C	35·3
14	·399	·448	·431	·451	·432	40·7	53·6	58·8	52·6	51·4	61·6	37·8	23·8	113·0	52·3	34·2	3·6	C	N	NW	C	16·8
15	·392	·426	·384	·422	·406	50·4	52·6	51·6	50·6	51·3	54·6	49·5	5·1	61·4	6·8	48·8	0·7	NW	W	C	C	25·0
16	·400	·475	·396	·466	·434	50·6	51·6	53·4	51·6	51·8	53·6	49·9	3·7	59·4	5·8	49·2	0·7	E	E	E	E	41·6
17	·441	·525	·471	·522	·489	47·4	54·6	57·9	50·1	52·5	60·4	45·0	15·4	119·4	59·0	43·2	1·8	N	C	NE	W	51·5
18	·492	·573	·475	·498	·509	43·8	53·6	61·7	46·1	51·3	62·6	42·2	20·4	117·4	54·8	38·7	3·5	W	NW	NW	C	72·1
19	·437	·529	·459	·468	·473	43·2	55·6	64·2	47·2	52·5	64·6	42·0	22·6	119·2	54·6	37·2	4·8	C	W	N	C	23·2
20	·415	·468	·375	·382	·410	46·1	55·6	63·8	51·6	54·3	65·1	43·0	22·1	118·4	53·3	36·2	6·8	W	N	W	W	35·8
21	·341	·409	·308	·342	·352	42·1	54·6	63·7	47·4	51·9	65·3	40·3	25·0	121·9	56·6	35·2	5·1	C	NW	W	C	36·7
22	·372	·374	·320	·364	·357	41·6	57·8	64·7	51·5	53·9	66·1	40·0	26·1	121·4	55·3	35·3	4·7	C	E	W	C	10·3
23	·378	·467	·392	·421	·415	45·1	55·1	65·9	53·2	54·8	67·6	41·0	26·6	121·9	54·3	37·7	3·3	N	N	N	W	28·4
24	·362	·417	·352	·411	·385	51·4	58·5	61·9	54·2	56·5	64·5	47·8	16·7	102·9	38·4	43·0	4·8	E	W	W	C	30·5
25	·374	·407	·329	·361	·368	51·4	58·8	67·5	54·6	58·1	69·1	50·4	18·7	125·9	56·8	47·2	3·2	W	WNW	WSW	N	43·3
26	·318	·395	·304	·323	·335	49·6	59·7	69·8	49·6	57·2	71·0	46·5	24·5	124·4	53·4	43·2	3·3	N	NW	NW	C	43·9
27	·293	·362	·299	·334	·322	45·6	58·2	65·4	57·3	56·6	68·7	45·3	23·4	118·2	49·5	41·4	3·9	C	E	NW	C	16·9
28	·310	·368	·272	·296	·311	54·6	53·6	55·6	57·7	54·4	55·9	52·1	3·8	78·4	22·5	51·2	0·9	NE	E	E	E	50·3
29	·290	·310	·244	·268	·278	53·1	56·2	57·7	53·1	55·0	63·1	51·4	11·7	111·4	48·3	51·0	0·4	E	NNE	NE	NE	95·1
30	·240	·271	·244	·237	·248	47·1	55·6	57·2	52·6	53·1	58·8	46·5	12·3	109·4	50·6	44·2	2·3	N	NE	SW	C	90·5
31	·224	·317	·302	·340	·321	45·9	54·4	63·2	50·2	53·4	65·9	42·2	23·7	121·4	55·5	40·0	2·2	W	NW	SW	N	42·2
Mean	29·338	29·399	29·330	29·363	29·357	46·3	56·4	63·2	50·5	54·1	65·1	44·0	21·1	111·3	46·2	40·0	4·1	...	...	...	...	40·0

JANUARY, 1877.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	39·2	49·4	54·9	42·5	46·5	38·5	0·213	0·272	0·257	0·235	0·244	0·214	82	61	37	77	64	87	...	10	3	5	4	*b.*	C. *b.*	*b.*
2	37·7	50·7	54·4	41·9	46·2	35·8	·210	·305	·220	·232	·242	·196	90	69	29	79	67	90	...	5	3	5	6	*b.*	C. *b.*	*b.*
3	37·5	50·3	53·2	45·6	46·6	35·9	·202	·224	·195	·255	·219	·200	86	41	27	72	57	91	...	3	4	7	10	*b.*	C. *b.*	P.
4	38·8	50·2	53·9	42·3	46·3	37·2	·215	·253	·213	·235	·229	·208	86	50	29	79	61	90	...	0	0	0	0	C.	C.	*b.*
5	38·7	50·9	55·4	45·2	47·5	38·2	·200	·286	·331	284	·275	·228	78	61	56	89	71	94	...	0	10	10	0	Cs.	S. C.	*b.*
6	45·9	54·9	56·4	49·4	51·6	42·6	·295	·352	·281	·312	·310	·260	92	66	39	78	69	92	...	10	5	3	5	*b.*	S. *b.*	*b.*
7	46·1	55·0	56·4	45·3	50·7	41·0	·285	·354	·271	·274	·296	·245	84	66	36	84	68	92	...	0	0	0	0	C.	C.	C.
8	44·8	54·7	57·9	49·9	51·8	40·3	·283	·338	·328	·325	·319	·246	91	61	46	82	70	95	...	0	0	5	8	P. C.	Cs. C.	P.
9	42·7	50·9	56·4	48·4	49·6	42·5	·253	·326	·291	·313	·296	·260	87	76	41	85	72	92	...	5	10	3	0	*b.*	*b.*	*b.*
10	46·9	53·9	57·9	52·9	52·9	45·8	·289	·351	·382	·367	·347	·290	82	70	61	83	74	89	...	2	10	10	10	C. P.	C.	P.
11	52·4	53·9	54·8	47·9	52·3	51·7	·352	·369	·391	·325	·359	·342	79	78	81	95	83	80	·80	10	10	10	10	Cs.	C. *b.*	*b.*
12	48·7	51·9	52·7	49·4	50·7	41·7	·343	·340	·347	·343	·343	·185	97	77	75	94	86	56	...	10	3	7	4	P.	P.	P.
13	42·2	49·0	52·1	45·9	47·3	39·6	·264	·345	·326	·302	·309	·238	96	97	67	95	89	95	...	0	7	7	0	P.	C. P.	C.
14	40·2	51·9	53·4	51·7	49·3	37·6	·244	·367	·338	·373	·331	·223	95	89	67	93	86	99	...	0	6	?	3	P.	P.	P.
15	49·7	51·9	50·9	50·5	50·9	49·5	·349	·379	·364	·367	·365	·355	95	95	95	99	96	100	·20	10	10	10	10	P.	P. C.	*b.*
16	50·5	50·9	52·9	51·4	51·4	48·8	·366	·364	·399	·378	·379	·332	99	95	96	99	97	93	·59	10	10	10	6	*b.*	*b.* ∞	*b.*
17	47·1	52·9	53·7	48·9	50·7	44·8	·324	·380	·359	·335	·350	·296	98	89	75	92	88	99	...	10	2	7	0	*b.*	C.	C.
18	43·6	50·1	54·1	45·3	48·3	41·8	·283	·318	·322	·294	·304	·259	98	77	58	93	82	96	...	0	0	0	0	*b.*	C.	*b.*
19	42·7	50·9	54·4	46·4	48·6	41·7	·263	·322	·295	·306	·294	·261	96	70	49	94	77	98	...	7	7	0	0	C.	P. C.	P.
20	45·3	51·7	55·7	48·7	50·4	42·3	·294	·333	·340	·307	·319	·261	93	75	58	79	76	95	...	0	2	3	0	*b.*	C. Cs.	C.
21	41·3	49·8	54·0	45·9	47·7	39·7	·250	·295	·290	·291	·282	·238	93	69	49	89	75	95	...	0	5	4	0	P.	Cs. *b.*	*b.*
22	40·7	52·9	54·5	49·9	49·5	39·6	·243	·338	·291	·340	·303	·238	92	70	48	90	75	95	...	0	5	3	0	*b.*	*b.*	*b.*
23	44·3	50·6	56·0	49·9	50·2	40·7	·282	·310	·318	·317	·307	·251	95	71	49	79	74	99	...	1	1	5	10	*b.*	C.	*b.*
24	48·7	51·9	54·9	52·4	51·9	46·6	·310	·301	·339	·371	·330	·303	82	61	61	89	73	93	...	10	7	10	10	*b.*	S. SP.	P.
25	49·9	54·4	57·1	52·9	53·4	49·0	·341	·366	·330	·382	·355	·329	90	73	48	89	75	90	...	10	7	7	0	S.	*b.*	*b.*
26	48·4	54·9	57·9	48·9	52·5	45·8	·326	·368	·323	·339	·339	·300	92	72	44	95	76	95	...	0	0	2	5	*b.*	C.	C.
27	44·8	53·4	55·0	54·7	52·0	44·8	·288	·346	·295	·395	·331	·292	95	71	47	84	74	96	...	8	10	10	10	C.	C.	C.
28	52·4	52·4	53·4	53·0	52·8	50·7	·367	·379	·380	·341	·367	·352	86	92	86	71	84	90	0·29	10	10	10	10	*b.*	*b.*	*b.*
29	52·5	55·5	55·4	51·9	53·7	50·8	·404	·433	·410	·373	·405	·365	96	96	86	92	93	96	...	10	8	7	2	C.	C. *b.*	C.
30	46·4	52·7	54·9	51·7	51·4	45·3	·306	·360	·403	·372	·360	·288	95	81	86	93	89	91	...	3	4	10	8	*b.*	C.	P.
31	45·0	49·9	50·9	46·7	48·1	41·3	·288	·301	·212	·274	·269	·249	92	71	37	75	69	92	...	0	0	0	0	C.	C.	*b.*
Mean	45·0	52·1	54·7	48·6	50·1	42·6	0·288	0·334	0·317	0·321	0·315	0·268	91	74	57	87	77	92	1·88	4·65	5·13	5·67	4·23			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·300	29·320	29·225	29·248	29·273	41·4	51·6	62·5	43·6	49·8	63·2	40·7	22·5	119·4	56·2	35·0	5·7	NE	W	W	N	56·8
2	·267	·298	·188	·215	·242	37·0	57·9	60·7	53·6	52·3	64·1	35·8	28·3	120·5	56·4	30·6	5·2	C	E	NW	NE	25·8
3	·082	·063	28·913	28·860	28·979	50·0	48·6	48·9	49·6	49·3	49·4	47·0	2·4	49·4	0·0	46·2	0·8	NW	E	E	E	78·7
4	28·896	·115	29·117	29·176	29·076	46·1	46·4	51·8	44·4	47·2	53·8	44·8	9·0	106·9	53·1	44·6	0·2	NE	SW	E	C	150·6
5	29·166	·203	·119	·159	·162	42·6	52·6	54·6	47·6	49·4	55·6	39·7	15·9	111·1	55·5	37·2	2·5	NE	NW	NW	C	27·0
6	·038	·118	28·969	28·979	·026	47·8	50·6	49·1	47·6	48·8	51·9	46·8	5·1	59·4	7·5	45·4	1·4	NE	SE	E	E	58·8
7	28·844	28·890	·914	29·080	28·932	49·0	49·9	55·5	46·7	50·3	55·7	47·5	8·2	107·9	52·2	47·2	0·3	NE	NW	W	C	119·8
8	29·154	22·264	29·215	·280	29·203	45·3	54·2	58·4	50·5	52·1	60·6	44·1	16·5	117·3	56·7	41·2	2·9	W	NE	E	NW	63·2
9	·287	·373	·317	·335	·328	46·7	51·7	58·6	43·9	50·2	59·7	44·1	15·6	118·4	58·7	42·0	2·1	NW	N	NW	C	86·5
10	·342	·369	·288	·321	·330	43·7	54·0	60·6	43·7	50·5	62·3	41·4	20·9	118·7	56·4	35·7	5·7	C	N	WNW	C	48·7
11	·316	·373	·320	·331	·335	43·3	54·4	60·6	43·7	50·5	62·2	39·5	22·7	120·2	58·0	34·6	4·9	C	NE	N	C	33·6
12	·306	·333	·279	·313	·308	43·2	56·5	64·5	46·2	52·6	65·1	40·6	24·5	121·6	56·5	34·2	6·4	C	W	W	C	45·2
13	·288	·383	·324	·367	·341	45·9	57·9	66·3	46·7	54·2	67·0	39·3	27·7	122·8	55·8	35·6	3·7	C	W	W	C	37·0
14	·348	·407	·373	·437	·391	41·3	57·2	67·4	46·7	53·1	68·5	38·5	30·0	130·2	61·7	34·2	4·3	C	W	SW	C	30·3
15	·426	·480	·391	·432	·432	40·6	58·6	67·3	47·9	53·6	68·4	39·0	29·4	123·9	55·5	32·2	6·8	C	W	W	C	32·4
16	·359	·400	·330	·352	·360	41·5	59·6	68·7	45·2	53·7	69·7	40·1	29·6	126·2	56·5	32·2	7·9	W	N	SW	C	25·4
17	·321	·368	·330	·382	·350	40·7	61·4	70·4	46·7	54·7	71·6	38·5	33·1	128·2	56·6	32·0	6·5	C	N	SW	C	25·0
18	·376	·429	·374	·416	·324	41·7	61·6	71·2	48·3	55·7	72·2	39·5	32·7	129·4	57·2	34·5	5·0	C	W	W	C	31·9
19	·358	·407	·354	·407	·382	43·7	57·6	72·8	50·7	56·2	73·5	44·9	28·6	129·4	55·9	37·0	7·9	C	C	W	C	13·8
20	·380	·390	·312	·331	·353	47·2	63·4	69·2	58·6	59·6	73·7	46·2	27·5	129·4	55·7	40·2	6·0	C	SE	SE	C	16·5
21	·276	·264	·107	28·985	·158	53·7	60·0	58·4	56·4	57·1	64·5	52·4	12·1	92·4	27·9	48·2	4·2	NE	NE	NE	E	50·7
22	·115	·241	·241	29·264	·215	50·9	59·7	66·1	55·3	58·0	67·0	49·9	17·1	120·4	53·4	48·2	1·7	E	E	E	N	35·3
23	·312	·406	·365	·402	·371	50·5	57·8	66·6	54·7	57·4	67·7	48·5	19·2	120·9	53·2	46·2	2·3	N	NW	N	C	74·4
24	·374	·416	·321	·364	·369	49·7	61·4	70·3	51·6	58·3	70·7	48·5	22·2	127·2	56·5	44·0	4·5	W	SW	NW	C	31·1
25	·356	·424	·373	·396	·387	50·2	63·1	71·6	53·0	59·7	73·0	47·9	25·1	129·2	56·2	42·5	5·4	C	NW	W	C	28·1
26	·348	·415	·324	·344	·358	51·7	65·8	74·7	58·1	62·6	76·3	49·0	27·3	132·4	56·1	44·2	4·8	W	NW	W	C	41·0
27	·319	·357	·294	·295	·316	50·7	69·7	77·3	56·1	63·5	78·5	49·0	29·5	132·7	54·2	46·0	3·0	C	NW	WSW	C	20·7
28	·249	·308	·275	·316	·287	53·1	70·1	73·8	62·6	64·0	78·7	49·0	29·7	135·4	56·7	43·7	5·3	C	E	W	E	20·0
Mean	29·257	29·315	29·248	29·278	29·275	46·0	57·6	64·2	50·0	54·5	65·9	44·0	21·9	117·2	51·3	39·8	4·2	...	...	...	...	46·7

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain Fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	40·6	47·7	60·9	42·4	47·9	39·7	0·243	0·280	0·515	0·256	0·323	0·232	93	73	92	91	87	91	...	8	4	2	0	Cs.	C.	*b.*
2	35·5	47·9	49·9	48·7	45·5	34·9	·190	·203	·218	·279	·223	·191	86	42	41	68	59	90	...	0	2	7	...	*b.*	Cs. C.	P.
3	47·9	47·9	48·0	49·6	48·4	46·2	·308	·326	·324	·356	·328	·304	86	95	93	100	93	95	2·17	10	10	10	...	P.	P.	P.
4	45·9	45·4	48·4	43·7	45·6	44·1	·308	·292	·297	·276	·293	·282	99	92	76	95	91	95	...	10	10	10	0	P.	P.	*b.*
5	42·5	48·9	49·9	46 9	47·0	39·2	·272	·298	·298	·313	·295	·234	100	75	70	95	85	96	...	0	4	10	0	*b.*	C.	*b.*
6	46·4	48·9	48·6	46·9	47·7	45·0	·297	·325	·337	·313	·318	·277	89	89	96	95	92	88	·40	10	10	10	10	P.	P.	P.
7	48·8	49·6	50·2	45·7	48·5	47·0	·344	·353	·296	·296	·322	·317	99	93	67	93	89	96	1·23	10	10	7	0	P.	C. K. S.	*b.*
8	44·6	50·3	51·5	45·8	48·0	43·3	·287	·313	·291	·248	·285	·272	95	74	59	68	74	93	·08	5	0	7	...	Cs.	C. *b.*	P.
9	45·0	48·8	50·2	41·7	46·4	42·7	·278	·307	·254	·236	·269	·257	88	79	50	83	75	88	...	5	0	0	0	K.	*b.*	*b.*
10	42·3	47·3	50·3	42·7	45·6	39·5	·252	·239	·230	·262	·246	·218	88	57	43	92	70	83	...	0	3	0	0	*b.*	C. *b.*	*b.*
11	41·3	48·2	50·2	42·7	45·6	38·8	·235	·257	·227	·262	·245	·227	83	60	42	92	69	93	...	0	0	0	0	*b.*	*b.*	*b.*
12	40·7	49·6	51·1	44·8	46·5	39·7	·223	·265	·198	·280	·242	·232	79	58	32	89	64	92	...	0	0	0	0	*b.*	*b.*	*b.*
13	42·5	51·0	52·6	44·7	47·7	38·6	·228	·284	·216	·271	·250	·225	73	58	34	85	63	94	...	0	0	0	0	*b.*	*b.*	*b.*
14	39 7	49 8	52·7	44·8	46 8	37·8	·225	·261	·205	·273	·241	·218	87	55	31	85	65	94	...	0	0	0	0	*b.*	*b.*	*b.*
15	39·3	49·8	52·7	46·1	47·0	37·9	·226	·243	·207	·292	·242	·215	90	49	31	88	64	91	...	0	0	0	0	*b.*	*b.*	*b.*
16	39·7	50·0	53·0	43·6	46·6	38·8	·222	·235	·196	·264	·229	·220	86	46	28	88	62	89	...	0	0	0	0	*b.*	*b.*	*b.*
17	39·7	52·4	53·9	45·4	47·8	37·8	·232	·276	·198	·288	·248	·218	92	50	27	91	65	94	...	0	0	0	0	*b.*	*b.*	*b.*
18	40·8	53·7	54·8	45·8	48·8	38·8	·244	·310	·213	·277	·261	·227	92	56	28	82	65	94	...	0	0	0	0	*b.*	*b.*	*b.*
19	42·5	52·8	55·3	48·8	49·8	41·7	·257	·337	·207	·321	·281	·223	91	71	25	86	68	75	...	2	5	3	1	C.	C.	S.
20	45·8	54·8	56·6	53·1	52·6	44·7	·291	·317	·294	·323	·309	·278	89	55	42	67	63	89	...	5	2	10	5	C.	P. C.	C. K.
21	51·8	54·3	55·3	53·8	53·8	50·3	·261	·347	·398	·382	·347	·338	87	67	81	84	80	86	0·79	4	10	10	10	S.	P. C.	P.
22	50·8	55·8	56·3	53·4	54·0	47·6	·372	·395	·325	·384	·369	·303	100	76	51	87	79	85	...	4	7	6	0	P.	C.	*b.*
23	49·0	52·8	55·9	52·2	52·5	46·7	·329	·335	·307	·359	·332	·297	90	70	47	84	73	88	...	0	0	3	2	*b.*	C.	C.
24	49·0	53·8	57·4	50·2	52·6	46·7	·339	·315	·302	·346	·326	·297	95	58	40	90	71	88	...	0	0	5	0	*b.*	C. *b.*	*b.*
25	49·0	56·1	58·2	52·3	53·9	47·0	·332	·359	·308	·372	·343	·311	92	62	40	90	71	93	...	2	4	2	0	C.	C.	*b.*
26	49 6	57·6	59·6	55·8	55·6	47·7	·330	·369	·310	·418	·357	·316	86	58	36	87	67	92	...	0	0	2	2	Cs.	Cs. *b.*	C.
27	49·6	59·8	58·9	53·5	55·4	47·8	·344	·383	·254	·377	·340	·318	93	52	27	84	64	92	...	0	0	1	0	*b.*	C. *b.*	*b.*
28	50·8	60·8	60·8	57·8	57·5	47·3	·343	·410	·361	·417	·383	·319	85	56	43	72	64	92	...	2	2	8	...	C.	C. P.	P.
Mean	44·7	51·6	53·7	48·0	49·5	39·2	0·279	0·308	0·278	0·313	0·295	0·263	90	65	49	86	73	91	4·67	7·25	7·03	5·96	7·50			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·307	29·352	29·298	29·324	29·320	57·4	68·6	76·9	57·8	65·2	78·1	55·4	22·7	134·4	56·3	52·0	3·4	W	NW	NW	C	71·2
2	·264	·300	·216	·249	·257	53·7	67·4	76·9	55·6	63·4	79·7	51·6	28·1	134·4	54·7	45·7	5·9	C	N	W	C	33·5
3	·241	·298	·218	·264	·255	50·1	70·7	77·9	66·0	66·2	80·7	49·0	31·7	135·9	55·2	43·0	6·0	C	SW	W	C	25·2
4	·222	·221	·115	·135	·148	59·1	74·6	78·9	66·4	69·8	79·5	57·1	22·4	141·9	62·4	51·2	5·9	C	SW	NE	N	23·0
5	·101	·133	·039	·113	·102	57·6	72·4	77·2	66·6	68·5	80·7	53·9	26·8	132·4	51·7	49·7	4·2	N	NE	NE	N	45·6
6	·102	·187	·115	·141	·136	61·6	73·5	82·8	64·1	70·5	82·7	59·8	22·9	140·2	57·5	54·6	5·2	N	WSW	N	E	46·7
7	·162	·211	·134	·149	·164	58·6	75·7	79·1	68·6	70·4	83·7	54·8	28·9	141·4	57·7	48·5	6·3	ENE	C	S	NE	23·5
8	·122	·191	·116	·125	·128	65·6	75·9	82·4	71·8	73·9	85·0	64·1	20·9	139·4	54·4	62·2	1·9	NE	N	NE	N	115·2
9	·096	·193	·131	·191	·128	66·6	75·9	79·8	67·7	72·5	82·2	64·1	18·1	142·4	60·2	61·2	2·9	N	E	NE	N	72·3
10	·189	·282	·151	·205	·207	61·6	69·7	79·7	65·6	69·2	80·7	59·0	21·7	134·0	53·3	58·2	0·8	SW	W	S	E	94·7
11	·175	·184	·131	·146	·159	61·5	74·0	79·9	66·6	70·5	81·4	59·9	21·5	138·4	57·0	56·4	3·5	N	E	N	NE	64·5
12	·099	·135	·133	·223	·148	63·6	62·6	58·1	55·2	59·9	63·7	59·8	3·9	77·9	14·2	37·2	2·6	N	N	N	NE	127·2
13	·257	·323	·241	·249	·268	54·7	66·8	69·7	61·6	63·2	77·2	52·3	24·9	132·4	55·2	49·7	2·6	NE	NW	N	C	36·6
14	·188	·219	·161	·196	·191	56·4	62·8	65·6	55·6	60·1	67·2	54·9	12·3	78·5	11·3	50·7	4·2	C	E	E	E	44·7
15	·188	·282	·193	·229	·224	55·6	62·0	69·1	59·6	61·6	70·0	...	...	132·2	62·2	...	...	C	N	W	NW	42·7
16	·187	·257	·199	·221	·216	52·6	66·1	71·0	62·2	63·0	74·0	50·8	23·2	132·2	58·2	46·9	3·9	C	SE	E	NE	76·7
17	·179	·235	·166	·201	·281	54·7	69·7	74·9	62·1	65·4	76·7	52·5	24·2	132·2	55·5	47·2	5·3	C	W	SW	C	116·2
18	·169	·198	·116	·117	·150	57·1	72·4	79·7	66·6	68·9	80·2	53·9	26·3	139·4	59 2	50·2	3·7	W	SW	E	NE	26·8
19	·045	·145	·001	28·959	·038	63·4	65·1	72·0	65·1	66·4	72·2	61·2	11·0	117·6	45·4	60·0	1·2	NE	NE	E	E	106·5
20	28·932	·070	·067	29·119	·047	57·6	65·1	73·6	56·5	63·2	74·7	55·9	18·8	135·4	60·7	55·4	0·5	N	W	NW	C	138·4
21	29·096	·153	·088	·135	·118	56·6	68·7	77·0	62·1	66·1	77·8	53·0	24·8	128·7	50·9	49·2	3·8	W	W	NW	NE	76·8
22	·128	·177	·131	·173	·152	55·8	71·8	79·0	62·6	67·0	80·3	54·4	25·9	138·4	58·1	51·4	3·0	N	N	W	C	91·6
23	·137	·233	·173	·201	·186	50·7	72·8	82·0	59·6	66·3	83·7	50·0	33·7	140·6	56·9	43·2	6·8	C	W	W	W	44·0
24	·113	·215	·139	·139	·151	56·0	74·6	81·0	64·1	68·9	84·5	51·0	33·5	144·9	60·4	44·7	6·3	W	NW	W	E	43·7
25	·113	·259	·083	·147	·150	61·1	78·9	86·8	65·6	73·1	86·7	57·9	28·8	141·9	55·2	50·4	7·5	W	W	NW	E	47·0
26	·129	·171	·095	·101	·124	56·4	76·7	82·0	68·7	70·4	84·9	53·9	31·0	138·4	53·5	50·0	3·9	E	E	E	NE	82·2
27	·071	·140	·063	·076	·087	61·6	80·0	84·4	66·9	73·2	84·8	61·8	23·0	137·9	53·1	58·1	3·7	NE	W	E	ENE	47·0
28	·174	·242	·132	·127	·144	59·6	76·7	82·3	65·8	71·1	83·8	56·9	26·9	136·5	52·7	51·7	5·2	N	E	W	E	78·4
29	·066	·127	·016	·119	·082	64·1	76·9	83·0	61·6	71·4	83·3	60·5	22·8	144·0	60·7	54·2	6·3	C	N	NE	E	52·9
30	·068	·144	·076	·137	·106	56·4	70·3	74·3	61·1	65·5	76·8	53·9	22·9	139·4	62·6	50·2	3·7	NE	E	NW	NE	123·5
31	·075	·194	·104	·159	·133	56·1	71·5	78·4	61·1	66·8	78·7	53·9	24·8	138·4	59·7	51·2	2·7	N	N	W	N	92·2
Mean	29·142	29·209	29·131	29·163	29·161	58·2	71·3	77·3	63·2	67·5	79·2	55·9	23·6	133·0	53·7	51·8	4·1	...	...	...	...	68·1

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	53·8	57·6	60·4	55·2	56·8	51·8	0·368	0·331	0·308	0·403	0·352	0·339	78	47	33	84	60	78	...	0	0	1	0	*b.*	C. *b.*	*b.*
2	50·8	57·6	59·8	52·8	55·3	49·5	·334	·347	·288	·364	·333	·328	80	52	31	82	61	86	...	0	0	4	0	*b.*	C. *b.*	*b.*
3	48·3	59·3	59·8	57·9	56·3	47·2	·317	·354	·275	·374	·330	·304	87	46	29	59	55	86	...	0	0	9	7	*b.*	C. *b.*	P.
4	55·8	61·6	63·3	59·8	60·1	55·1	·403	·376	·375	·429	·396	·410	81	44	38	66	57	87	...	8	7	1	0	C.	C.	*b.*
5	53·8	63·8	63·3	60·3	60·3	52·4	·365	·479	·397	·441	·421	·376	77	60	42	67	62	90	...	4	4	10	0	Cs.	S. C.	*b.*
6	56·8	62·3	62·8	56·7	59·7	54·9	·400	·413	·306	·364	·371	·367	73	50	27	60	52	71	...	0	0	1	0	*b.*	S. *b.*	*b.*
7	53·8	62·8	65·0	62·2	60·9	52·3	·352	·400	·430	·475	·414	·361	73	45	43	67	57	84	...	1	3	10	8	C.	C.	C.
8	59·8	65·8	67·3	65·3	64·7	59·3	·438	·502	·487	·538	·491	·442	70	56	44	69	60	74	...	7	0	7	10	Pc.	Cs. C.	P.
9	60·8	67·6	67·8	62·8	64·8	59 8	·457	·567	·521	·508	·513	·458	70	63	51	74	65	77	...	0	0	0	0	*b.*	.	*b.*
10	57·8	62·8	64·5	60·8	61·5	55·7	·430	·481	·404	·478	·448	·402	79	66	41	77	66	81	...	5	8	3	8	C. P.	C. *r.*	P.
11	57·8	63·8	64·1	60·8	61·6	56·2	·430	·457	·389	·458	·433	·404	79	55	37	70	60	77	...	10	0	5	0	Cs.	C. *b.*	*b.*
12	55·4	58·6	57·1	54·0	56·3	55·2	·331	·441	·455	·403	·408	·376	56	78	94	93	80	73	·40	10	10	8	0	P. *r.*	P. *r.*	P. *r.*
13	53·8	61·8	62·8	59·6	59·5	51,8	·404	·487	·489	·485	·466	·380	94	74	66	89	81	96	...	5	6	8	2	P.	C. P.	C.
14	54·8	59·6	59·8	54·8	57·3	53·8	·410	·469	·438	·421	·434	·402	91	82	70	95	84	94	·24	1	10	10	10	P. *r.*	P. *r.*	P. *r.*
15	54·8	58·8	60·1	56·8	57·6	53·6	·421	·454	·398	·426	·425	...	95	82	56	83	79	...	...	0	4	5	0	P.	P. C.	*b.*
16	51·8	60·9	60·3	57·8	57·7	49·9	·376	·466	·382	·422	·412	·348	95	72	50	75	73	93	...	0	0	3	0	*b.*	*b.* ∞	*b.*
17	53·6	61·8	63·4	59·6	59·6	51·3	·399	·447	·432	·490	·439	·364	94	61	50	86	73	92	...	0	0	7	0	*b.*	C.	C.
18	54·8	64·8	66·3	60·8	61 7	52 8	·401	·513	·467	·457	·460	·387	85	65	46	70	67	94	...	0	3	3	0	*b.*	C.	*b.*
19	60·2	62·3	65·4	61·8	62·4	59·0	·480	·526	·539	·509	·513	·472	82	85	69	82	79	87	·15	5	10	5	2	C.	P. C.	P.
20	55·6	58·8	59·8	53·8	57·0	54·2	·418	·415	·331	·380	·386	·400	88	67	40	83	70	90	...	2	6	8	3	*b.*	C. Cs.	C.
21	51·8	60·6	62·1	54·2	57·2	50·3	·323	·412	·360	·317	·353	·331	70	61	38	57	56	82	...	3	8	0	0	P.	Cs. *b.*	*b.*
22	50·8	58·8	60·8	55·8	56·5	49·6	·306	·325	·292	·357	·320	·292	69	42	30	63	51	70	...	0	0	0	0	*b.*	*b.*	*b.*
23	49·4	59·8	60·6	55·4	56·3	48·7	·338	·342	·244	·385	·327	·327	91	42	23	75	58	91	...	0	4	7	0	*b.*	C.	*b.*
24	53·0	57·8	60·8	56·8	57·1	48·6	·364	·257	·264	·367	·313	·311	81	30	26	62	50	83	...	0	5	8	10	*b.*	S. P.	P.
25	51·8	61·3	61·8	55·8	57·7	51·8	·263	·310	·220	·317	·278	·306	49	31	17	50	37	64	...	1	0	0	0	S.	*b.*	*b.*
26	50·8	53·8	62·8	59 8	56·8	49·8	·299	·112	·216	·396	·256	·305	66	12	29	56	41	74	...	0	3	7	8	*b.*	C.	C.
27	56·0	63·6	62·1	57·8	59·9	50·6	·376	370	·263	·360	·342	·391	69	36	22	55	46	71	...	8	7	6	7	C.	C.	C.
28	55·6	62·3	62·8	59·8	60·1	53·8	·390	371	·313	·435	·377	·375	76	40	28	68	53	81	...	0	0	0	0	*b.*	*b.*	*b.*
29	56·8	60·8	62·3	56·3	59 0	55·7	·367	·320	·287	·385	·340	·382	61	35	26	69	48	72	·11	6	7	0	0	C.	C. *b.*	C.
30	53·6	62·0	61·2	55·1	57·9	52·0	·376	·440	·389	·357	·391	·364	83	56	43	66	62	87	...	0	5	8	10	*b.*	C.	P.
31	52·8	58·8	60·8	56·6	57·3	51 8	·357	·328	·300	·406	·348	·359	79	43	31	74	57	87	...	2	4	2	0	C.	C.	*b.*
Mean	54·4	61·0	62·3	58·0	58·9	53·1	0·377	0·404	0·363	0·416	0·390	0·369	78	54	41	72	61	82	0·90	7·48	6·09	5·61	7·26			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·187	29·383	29·205	29·251	29·232	54·7	72·6	80·8	66·6	68·7	81·8	52·5	29·3	139·4	57·6	51·7	0·8	E	NE	W	C	60·9
2	·214	·309	·239	·279	·260	62·4	70·3	77·7	66·1	69·1	78·2	60·0	18·2	131·5	53·3	56·2	3·8	N	W	NW	E	38·6
3	·244	·281	·185	·211	·229	62·6	76·7	84·8	66·6	72·7	85·3	58·1	27·2	139·4	54·1	57·2	0·9	N	N	W	N	51·0
4	·190	·255	·200	·206	·213	63·8	79·9	85·0	70·7	74·9	86·1	61·5	24·6	142·4	56·3	55·2	6·3	W	NE	NW	E	45·0
5	·120	·176	·053	·109	·115	65·1	82·0	85·4	71·2	75·9	86·0	61·2	24·8	148·6	62·6	58·2	3·0	C	SW	C	NW	30·0
6	·047	·120	·094	·107	·092	66·6	78·0	67·8	63·1	68·9	81·6	66·1	15·5	136·4	54·8	64·2	1·9	E	N	N	N	108·1
7	·064	·111	·011	·046	·058	58·8	73·5	82·6	71·6	71·6	84·2	57·2	27·0	135·7	51·5	54·6	2·6	NW	N	W	N	96·0
8	·028	·070	28·955	28·994	·011	60·9	80·3	85·5	70·7	74·4	87·4	58·7	28·7	143·4	56·0	52·7	6·0	C	S	N	E	65·0
9	28·983	·016	·916	29·114	·007	66·8	80·7	88·1	64·0	74·9	89·6	65·6	24·0	145·4	55·8	52·2	13·4	SE	E	E	N	80·4
10	29·102	·174	29·094	·104	·119	61·4	72·8	83·0	71·8	72·3	83·7	60·5	23·2	137·9	54·2	58·2	2·3	E	E	NE	E	118·4
11	·100	·205	·155	·170	·158	65·1	79·9	71·5	65·1	70·4	82·5	64·1	18·4	139·4	56·9	61·2	2·9	E	E	W	E	106·0
12	·170	·185	·084	·092	·133	60·6	74·0	79·5	70·7	70·9	82·2	59·8	22·4	138·9	56·7	56·0	3·8	NNE	E	E	E	193·1
13	·068	·075	·011	·128	·070	63·6	76·9	77·9	64·6	70·7	82·1	62·9	19·2	137·4	55·3	61·2	1·7	NE	E	W	E	134·6
14	·085	·215	·169	·251	·180	60·9	68·7	81·5	63·6	68·8	81·7	59·5	22·2	129·7	48·0	57·7	1·8	E	ENE	E	N	87·4
15	·194	·239	·183	·184	·200	61·0	73·8	82·8	69·7	71·8	83·3	59·9	23·4	136·7	53·4	56·7	3·2	NE	W	W	W	167·0
16	·126	·211	·130	·150	·154	64·1	75·9	83·1	72·8	75·2	88·9	60·2	28·7	144·7	55·8	56·7	3·5	N	N	W	N	31·0
17	·066	·104	·027	·060	·064	67·1	85·0	81·7	74·8	77·1	91·8	65·9	25·9	146·5	54·7	60·2	5·7	E	E	E	C	68·9
18	·042	·119	·025	·176	·092	67·7	77·5	74·8	64·6	71·1	87·4	67·6	19·8	134·4	47·0	66·2	1·4	N	NW	W	NE	101·6
19	·158	·308	·210	·230	·227	60·4	70·5	77·9	66·1	68·7	78·2	59·4	18·8	146·4	68·2	57·4	2·0	E	N	N	E	109·6
20	·170	·234	·112	·138	·164	61·4	76·7	87·0	71·2	74·1	86·6	59·5	27·1	156·4	69·8	57·2	2·3	W	N	NW	W	72·9
21	·117	·127	·029	·055	·081	65·6	82·6	87·2	75·1	77·6	88·6	64·9	23·7	142·2	53·6	58·5	6·4	C	NW	S	N	65·0
22	28·978	·024	28·925	28·971	28·974	68·6	83·6	91·2	75·9	78·6	91·6	65·4	26·2	159·2	67·6	62·2	3·2	C	E	NW	C	49·0
23	·960	·075	·970	29·056	29·015	71·5	81·0	88·9	73·6	78·8	90·6	69·0	21·6	151·9	61·3	62·2	6·8	N	SW	N	E	54·5
24	29·007	·101	29·026	·086	·055	70·5	83·8	85·1	73·6	78·0	91·9	69·2	22·7	152·2	60·3	63·2	5·0	N	N	W	W	87·6
25	·015	·067	28·974	28·982	·009	65·8	81·5	91·6	72·8	77·9	92·5	64·6	27·9	145·4	52·9	62·0	2·6	W	NW	N	SW	102·0
26	28·963	·004	·918	·960	28·961	67·7	87·1	93·6	77·8	81·5	94·1	65·1	29·0	151·4	57·3	61·4	3·7	C	NE	NW	W	31·2
27	·971	·036	29·016	29·053	29·031	73·5	84·0	89·6	73·2	80·1	90·4	69·5	20·9	154·1	63·7	67·2	2·3	NW	W	SW	C	65·5
28	29·059	·118	28·998	·018	·048	68·2	85·0	93·1	77·9	81·1	93·6	66·8	26·8	143·7	50·1	61·4	5·4	E	N	E	C	37·5
29	·015	·046	·919	28·985	28·991	69·9	89·1	95·4	82·0	84·1	96·4	69·2	27·2	153·7	57·3	63·7	5·5	C	E	SW	NE	29·0
30	·004	·027	·973	29·037	29·010	72·3	83·6	85·8	75·3	79·3	89·3	70·7	18·6	40·7	51·4	64·2	6·5	NE	E	NW	NE	104·1
Mean	29·081	29·145	29·060	29·106	29·098	65·0	78·9	84·2	70·8	74·6	86·9	63·2	23·8	143·5	56·6	59·2	3·9	...	...	...	...	79·7

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	52·4	61·6	61·6	59·3	58·7	51·3	0·366	0·402	0·294	0·409	0·368	0·362	85	51	29	63	57	92	...	0	0	3	10	*b.*	C.	C.
2	57·8	62·0	63·8	59·3	60·7	55·7	·420	·446	·407	·416	·422	·389	75	61	43	65	61	75	...	10	10	6	2	Ps.	C.	C.
3	59·3	63·8	65·4	59·8	62·1	55·9	·464	·421	·367	·425	·419	·420	81	46	30	*65*	*56*	87	...	1	0	0	0	C. *b.*	*b.*	*b.*
4	57·8	64·8	65·3	60·6	62·1	56·9	·401	·413	·361	·396	·393	·404	68	41	30	53	48	74	...	0	0	2	2	*b.*	Cs.	*b.*
5	56·3	64·3	65·8	60·8	61·8	55·2	·337	·367	·374	·395	·368	·358	54	34	51	52	48	66	...	10	5	5	10	Pc.	C.	P.
6	57·8	63·4	62·8	58·6	60·6	58·4	·364	·390	·506	·434	·423	·389	56	41	74	*75*	61	60	...	6	7	10	0	Cs.	Ck.	*b.*
7	55·1	61·8	63·8	61·1	60·4	54·2	·388	·397	·342	·400	·382	·382	78	48	31	62	52	81	...	0	0	2	0	*b.*	C. *b.*	*b.*
8	55·8	65·4	67·5	63·3	63·0	55·9	·380	·427	·434	·484	·431	·412	72	41	36	64	53	83	...	2	3	4	0	S.	C.	*b.*
9	60·8	67·3	66·8	62·8	64·4	57·9	·454	·491	·374	·558	·469	·379	69	46	28	94	59	60	1·21	8	6	7	10	S.	Ck.	P.
10	58·8	66·8	69·0	66·0	65·1	57·2	·464	·579	·522	·563	·532	·427	85	72	46	72	69	80	...	2	1	0	0	*b.*	C. *b.*	*b.*
11	62·3	69·8	65·6	59·8	64·4	61·0	·526	·594	·553	·445	·530	·497	85	58	71	72	72	84	·04	8	6	10	4	Cs.	C. P.	C.
12	58·6	65·0	67·8	64·8	64·0	57·4	·468	·498	·548	·536	·512	·442	88	59	52	71	67	85	·27	5	7	10	10	Pc.	C. P.	P.
13	61·8	68·6	68·6	63·3	65·6	59·9	·529	·589	·576	·554	·562	·477	90	64	60	94	77	83	·59	8	7	8	8	Pc.	Pk. Ck.	P.
14	58·1	64·8	67·0	58·8	62·2	56·8	·448	·562	·469	·434	·478	·427	83	80	44	74	70	84	·35	9	6	7	4	P.	Ck.	P.
15	58·0	64·1	65·9	62·8	62·7	57·2	·444	·471	·412	·481	·452	·433	82	56	36	66	60	84	...	2	0	0	2	S.	*b.*	C.
16	58·8	65·0	65·8	65·8	63·8	57·4	·428	·473	·338	·543	·446	·435	71	53	25	67	54	83	...	2	2	2	0	S.	C. S.	*b.*
17	62·0	69·6	67·2	65·8	66·1	60·9	·490	·517	·474	·516	·499	·469	74	43	44	*60*	*55*	*73*	...	2	1	10	10	S.	S. C.	Pk.
18	64·3	68·6	65·6	61·8	62·6	63·9	·558	·580	·509	·516	·541	·540	82	61	59	85	72	80	0·40	8	6	10	8	P.	Cs. P.	P.
19	55·3	62·8	64·8	61·8	61·7	56·2	·372	·470	·433	·496	·443	·410	*71*	*63*	*46*	*77*	*64*	*81*	...	8	10	7	2	Cs.	Ck.	C.
20	58·8	66·8	68·0	63·8	64·4	57·2	·464	·526	·431	·494	·479	·440	85	57	34	64	60	87	...	0	0	0	0	*b.*	*b.*	*b.*
21	60·7	66·6	65·8	63·8	64·2	59·8	·466	·439	·350	·443	·425	·448	73	40	27	51	48	73	...	0	2	4	0	*b.*	C. Cs.	*b.*
22	62·3	68·8	70·3	68·8	67·6	61·0	·479	·506	·461	·610	·514	·479	68	44	31	69	53	76	...	1	0	3	0	C.	C. *b.*	*b.*
23	65·3	67·8	69·6	63·8	64·1	65·3	·542	·505	·465	·463	·494	·575	*70*	*48*	*34*	*56*	*52*	81	...	0	3	2	1	*b.*	C.	S.
24	61·8	63·6	69·6	61·8	65·2	61·3	·437	·497	·516	·396	·462	·438	58	43	43	48	48	61	...	4	3	2	2	C.	C.	C.
25	60·0	66·6	67·6	65·4	67·4	59·8	·442	·455	·354	·527	·445	·451	69	42	24	65	50	75	...	0	4	2	0	*b.*	Cs. C.	*b.*
26	62·6	69·8	69·8	64·8	67·0	61·1	·501	·497	·410	·441	·462	·437	74	38	26	46	46	78	...	2	1	1	10	S.	C.	C.
27	64·4	68·6	69·3	66·3	67·2	63·4	·484	·493	·445	·554	·494	·632	58	42	31	67	50	95	0·10	10	7	4	0	C.	C.	*b.*
28	63·6	70·3	70·8	70·8	68·8	61·8	·528	·545	·455	·660	·547	·488	77	45	29	70	55	74	...	2	0	0	2	P.	C. *b.*	C.
29	65·3	73·3	71·8	69·8	70·0	64·4	·564	·609	·464	·565	·551	·441	77	44	28	52	50	76	...	0	1	5	4	*b.*	Ck.	K.
30	66·6	70·8	71·3	67·0	69·1	65·2	·578	·583	·573	·573	·576	·574	*73*	*51*	*46*	65	*59*	77	0·38	7	7	6	4	P.	C.	C.
Mean	60·1	66·6	67·1	63·4	64·2	58·9	·460	·491	·441	·491	·471	·452	74	51	*39*	66	57	78	*3·34*	*3·90*	*3·67*	*4·40*	*3·33*			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·046	29·086	28·975	28·979	29·022	67·7	85·6	91·6	75·9	80·2	93·4	67·1	26·3	149·4	56·0	66·2	0·9	E	E	NW	C	80·5
2	28·980	·002	·918	·985	28·971	72·3	91·1	91·2	78·8	83·6	97·6	71·3	26·3	155·4	57·8	65·7	5·6	E	ENE	NW	W	26·0
3	·978	28·995	·928	·993	·974	75·3	83·0	81·5	74·6	78·6	93·1	70·0	23·1	150·4	57·3	64·3	5·7	E	NW	SW	SE	86·2
4	29·023	29·099	·997	29·009	29·032	70·7	83·0	92·4	78·7	81·3	93·2	70·0	23·2	147·4	54·2	60·1	9·9	C	NE	S	E	67·5
5	·002	·070	29·015	28·994	·020	73·2	76·9	80·8	71·2	75·6	82·6	67·6	15·0	142·6	60·0	66·2	1·4	N	E	E	NE	104·0
6	28·942	28·980	28·942	·904	28·942	69·2	69·5	69·7	65·2	68·4	70·2	67·1	3·1	99·4	29·2	66·1	1·0	NNE	N	NE	NE	79·7
7	·890	·985	·984	29·014	·968	62·4	73·4	74·6	65·8	69·1	79·7	61·0	18·7	125·7	46·0	58·7	2·3	W	E	SE	C	71·6
8	29·019	29·101	29·039	·075	29·058	62·6	78·9	86·9	73·3	75·4	87·0	62·1	24·9	140·4	53·4	57·5	4·6	C	E	E	C	52·7
9	·085	·140	·019	·048	·073	67·1	85·5	90·9	76·4	80·0	91·4	66·3	25·1	147·4	56·0	62·0	4·3	C	SW	E	C	37·6
10	·009	·011	28·930	·049	·000	74·3	88·9	94·1	71·3	82·2	96·1	73·3	22 8	152·4	58·3	72·6	0·7	C	NW	N	E	76·7
11	28·967	28·994	·942	28·956	28·965	69·9	78·9	78·9	67·7	73·8	82·9	67·1	15·8	144·4	61·5	64·1	3·0	W	NE	N	E	134·1
12	·942	29·015	·970	29·030	·989	66·6	77·7	82·0	72·3	74·6	83·4	66·1	17·3	143·2	59·8	60·7	5·4	N	SW	W	C	72·6
13	29·028	·059	·980	·045	29·028	67·7	82·7	91·3	78·7	80·1	91·8	67·1	24·7	146·4	54·6	63·1	4·0	SW	SW	W	C	41·9
14	·005	·069	29·006	·037	·029	73·3	83·0	92·6	80·6	82·4	94·7	71·1	23·5	143·2	48 6	65·7	5·4	C	NW	SW	C	68·6
15	·041	·095	·014	·036	·046	70·2	90·1	96·6	83·0	85·0	98·3	70·0	28·3	151·4	53·1	64·7	5·3	C	N	W	C	72·7
16	·014	·083	·020	·045	·040	76·7	94·6	100·2	80 0	87·9	101·0	74·0	27·0	155·4	54·4	68·1	5·9	NW	NE	W	C	57·5
17	·033	·081	·040	·057	·053	73·3	97·2	90·3	82·0	85·7	101·4	73·0	28·4	156·9	55·5	67·6	5·4	C	E	E	W	52·2
18	28·989	·012	28·913	28·914	28·957	77·9	93·1	100·5	81·6	88·3	102·2	72·4	29·8	155·1	52·9	69·3	3·1	N	NW	W	E	114·0
19	·918	28·955	·890	·934	·925	75·0	97·2	103·1	87·0	89·8	104·0	72·9	31·1	157·6	53·6	66·1	6·8	NE	NNE	W	N	49·0
20	·936	29·003	·917	·903	·940	78·9	98·2	103·1	87·0	91·8	104·1	78·0	26·1	158·4	54·3	73·6	4·4	N	E	NE	C	48·2
21	·864	28·900	·814	·829	·852	80·6	98·6	103·9	91·1	93·5	105·5	79·7	25·8	156·4	50·9	72·6	7·1	N	NE	N	N	52·2
22	·838	·917	·863	·901	·880	77·4	97·7	105·8	88·1	92·3	106·8	72·0	34·8	161·9	55·1	62·6	9·4	N	N	E	N	63·8
23	·853	·929	·864	·889	·884	79·9	99·4	106·8	81·8	92·0	108 0	78·7	29·3	161·4	53·4	70·9	7·8	N	W	NW	C	57·0
24	·879	·916	·837	·844	·869	85·0	98·2	109·1	85·5	94·5	110·4	78·8	31·6	162·9	52·5	69·9	8·9	N	W	W	C	54·8
25	·808	·850	·760	·799	·809	82·0	100·2	109·3	86·0	94·4	111·3	79·9	31·4	160·5	49·2	74·0	5·9	C	SW	W	C	49·2
26	·768	·781	·716	·777	·760	84·0	100·3	107·3	87·0	94·6	109·6	82·9	26·7	167·6	58·0	73·1	9·8	W	E	W	S	85·5
27	·807	·870	·810	·823	·828	78·0	97·2	106·3	87·3	92·2	107·3	76·9	30·4	155·4	48·1	73·1	3·8	SE	E	C	C	93·7
28	·830	·912	·826	·867	·859	78·9	101·0	105·3	90·1	93·8	109·5	77·8	31·7	158·4	48·9	72·4	5·4	C	W	N	C	42·5
29	·882	·979	·943	·847	·911	82·0	95·2	97·8	84·9	89·8	102·0	81·7	20·3	151·7	49·7	77·0	4 7	C	E	NW	C	57·7
30	·933	·963	·879	·897	·918	75·0	93·2	104·1	87·0	89·8	105 2	73·8	31·4	154·4	49·2	70·1	3·7	C	W	S	C	37·1
31	·917	·981	·895	·900	·923	81·8	94·1	103·3	89·1	92·1	104·5	80·4	24·1	154·0	49·5	76·2	4·2	E	E	E	C	43·7
Mean.	28·943	28·994	28·925	28·948	28·952	74·5	89·8	95·2	80·3	84·9	97·7	72·6	25·1	150·6	52·9	67·6	5·0	...	...	...	...	65·5

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	64·3	68·8	69·8	69·8	68·2	63·5	0·558	0·479	0·437	0·648	0·530	0·540	82	39	29	73	56	81	...	2	0	0	0	S.	*v.*	*v.*
2	65·3	70·8	70·8	67·8	68·7	64·9	·532	·482	·480	·534	·507	·531	67	33	33	54	47	69	...	2	0	3	4	S. *b.*	C.	P.
3	64·8	68·9	68·3	66·6	67·2	64·4	·474	·519	·516	·547	·514	·531	54	46	48	64	53	72	·10	10	7	10	2	P.	P.	P.
4	66·0	69·8	70·8	68·4	68·7	64·9	·578	·552	·466	·558	·539	·549	77	49	31	57	53	75	...	8	4	4	0	Pc.	C. Pc.	*b.*
5	66·3	68·8	68·2	66·8	67·5	65·4	·555	·597	·523	·599	·568	·598	67	65	50	78	65	88	·30	6	4	4	2	Cs. K.	Cs.	P.
6	66·3	65·3	65·5	63·4	65·1	63·9	·608	·570	·574	·561	·578	·553	85	79	79	90	83	83	·29	10	10	8	2	*b. c.*	P. Cs.	C.
7	61·8	66·9	67·8	62·8	64·9	60·3	·546	·574	·590	·533	·561	·515	96	70	69	84	80	96	...	0	9	5	1	*b.*	C.	S.
8	61·6	68·8	69·5	67·8	66·9	60·8	·536	·570	·488	·608	·551	·517	94	58	38	74	66	93	...	2	2	2	0	Cs.	C.	*b.*
9	64·8	69·8	71·0	70·3	69·0	64·8	·584	·519	·492	·662	·564	·595	88	43	34	73	60	92	...	0	3	2	0	*b.*	Cs. C.	*b.*
10	66·8	71·8	71·7	64·8	68·8	65·9	·558	·551	·472	·528	·527	·539	66	41	30	69	51	65	...	0	2	1	10	C.	C.	P.
11	64·8	68·8	68·1	65·3	66·8	67·1	·547	·570	·543	·592	·563	·665	75	58	55	87	69	100	...	10	8	10	2	P.	C.	P.
12	64·6	68·8	68·8	68·6	67·7	63·4	·584	·585	·528	·650	·587	·550	89	61	48	82	70	86	...	10	5	3	0	P.	C.	*b.*
13	65·8	69·9	71·8	68·8	69·1	65·0	·611	·560	·519	·572	·565	·591	90	50	35	58	58	89	...	0	3	0	0	*b.*	C. *b.*	*b.*
14	67·1	68·6	69·6	67·8	68·3	66·9	·582	·507	·410	·509	·502	·605	71	45	27	49	48	79	...	0	3	2	2	*b.*	K.	*c.*
15	62·8	69·8	71·8	66·8	67·8	62·8	·474	·457	·447	·441	·455	·477	64	32	26	40	41	65	...	0	0	0	0	*b.*	*b.*	*b.*
16	64·8	69·7	70·0	70·3	68·8	65·0	·455	·392	·329	·596	·443	·498	49	24	17	59	37	59	...	0	0	0	0	*b.*	*b.*	*b.*
17	65·3	72·3	64·0	64·8	66·7	65·4	·518	·458	·246	·385	·402	·526	63	26	17	36	35	65	...	0	0	10	10	*b.*	*b.*	*b.*
18	63·8	70·6	70·2	67·3	68·0	62·6	·405	·447	·332	·478	·416	·488	43	29	17	44	33	55	...	8	3	1	0	C.	C.	*b.*
19	64·0	70·4	72·1	66·6	68·3	62·9	·451	·384	·372	·380	·397	·442	52	21	17	30	30	55	...	0	2	2	0	*b.*	C.	C.
20	63·8	73·2	71·1	67·2	68·9	63·0	·392	·482	·332	·403	·402	·377	40	26	16	31	28	39	...	0	0	1	0	*b.*	C. *b.*	*b*
21	63·8	71·8	69·3	67·6	68·3	63·7	·369	·420	·272	·362	·356	·378	35	22	13	25	24	37	...	0	0	0	2	*b.*	C. *b.*	C.
22	63·6	71·5	71·6	66·8	68·4	66·6	·405	·421	·315	·373	·378	·581	43	24	14	28	27	74	...	0	0	0	0	*b.*	*b.*	*b.*
23	62·8	70·6	71·3	68·8	68·4	62·3	·345	·363	·290	·530	·382	·344	34	19	12	49	29	34	...	0	0	0	0	*b.*	*b.*	*b.*
24	63·8	70·0	71·9	71·3	69·2	62·9	·310	·356	·282	·577	·381	·362	26	20	11	47	26	37	...	0	0	0	0	*b.*	*b.*	*b.*
25	62·8	74·3	73·0	71·6	69·9	65·3	·317	·499	·324	·582	·431	·430	29	25	13	47	28	42	...	0	0	1	0	*b.*	*b.*	*b.*
26	68·8	72·1	74·6	69·8	71·3	67·0	·501	·409	·417	·498	·456	·450	43	21	18	39	30	40	...	0	3	4	0	Fk. *c.*	C.	*b.*
27	67·8	72·1	74·8	71·6	71·6	69·9	·544	·451	·438	·569	·500	·638	57	26	19	44	37	69	...	0	0	0	0	*b.*	Fk.	*b.*
28	68·7	74·7	74·8	71·8	72·5	67·4	·566	·506	·451	·535	·515	·532	58	25	20	37	35	55	...	0	0	3	9	*b.*	P	P.
29	68·8	73·1	71·8	67·8	70·4	67·6	·528	·519	·431	·464	·485	·488	48	31	24	40	36	45	...	8	7	8	8	C.	P.	P.
30	67·8	69·6	72·3	71·6	70·3	65·9	·585	·408	·366	·568	·482	·532	67	26	16	44	38	63	...	4	0	0	0	*b.*	*b.*	*b.*
31	68·0	74·8	74·8	73·3	72·8	68·1	·501	·603	·479	·608	·548	·523	46	37	23	44	37	50	...	8	6	4	0	P.	C. *c.*	*b.*
Mean	65·2	70·5	70·7	68·2	68·7	64·8	0·501	0·491	0·425	0·581	0·487	0·513	61	38	29	54	45	66	0·69	2·84	2·77	3·16	1·74			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	28·859	28·870	28·741	28·764	28·808	84·0	101·2	106·7	93·1	96·3	107·9	82·3	25·6	154·4	46·5	77·0	5·3	E	NE	E	E	29·1
2	·726	·824	·827	·886	·816	86·6	87·0	89·1	78·0	85·2	91·4	83·8	7·6	140·7	49·3	82·0	1·8	E	E	E	E	147·4
3	·888	·981	·920	·932	·930	72·8	84·8	88·3	81·3	81·8	91·6	72·6	19·0	151·7	60·1	69·9	2·7	E	E	W	W	109·1
4	·970	29·005	·873	·964	·953	75·6	91·1	98·3	87·0	88·0	100·3	75·0	25·3	159·4	59·1	71·1	3·9	C	E	S	C	48·6
5	·975	·048	29·005	·972	29·000	83·0	96·2	84·2	81·8	86·1	103·3	80·9	22·4	154·7	51·4	76·0	4·9	N	E	N	NW	75·9
6	·968	·013	28·848	·919	28·937	76·5	95·7	102·3	88·4	90·7	103·9	74·9	29·0	155·5	51·6	66·1	8·8	E	N	N	N	46·2
7	·931	·006	·925	·922	·946	79·0	86·0	99·2	86·0	87·5	100·3	75·9	24·4	148·4	48·1	69·1	6·8	E	NE	N	N	103·9
8	·900	28·955	·828	·824	·877	74·8	96·4	104·3	87·0	90·6	105·1	74·0	31·1	156·9	51·8	66·1	7·9	NE	W	N	C	34·3
9	·808	·852	·742	·839	·810	81·0	101·2	107·3	84·0	93·4	108·6	77·9	30·7	159·6	51·0	71·6	6·3	C	N	SW	NW	29·7
10	·749	·814	·709	·794	·766									159·2	...	76·1	...	NE	W	W	NW	102·4
11	·713	·783	·721	·830	·767									157·4	...	76·8	...	NE	SE	W	N	113·3
12	·828	·920	·865	·883	·874									161·4	...	68·1	...	E	NE	NW	C	86·3
13	·896	·961	·895	·909	·915									161·4	...	62 2	...	NW	N	E	C	23·6
14	·873	·942	·875	·889	·895			Shed blown away.						161·4	...	69·7	...	E	W	W	N	14·8
15	·924	·993	·941	·921	·945									160·2	...	74·1	...	N	S	W	C	31·1
16	·891	·942	·861	·826	·880									166·9	...	75·0	...	N	W	SW	C	30·1
17	·814	·880	·833	·822	·837									161·4	...	67·1	...	SW	SW	W	N	21·8
18	·806	·878	·798	·842	·831									164·9	...	66·2	...	C	SW	N	N	39·2
19	·836	·879	·747	·769	·808	83·0	97·2	104·3	89·1	93·4	105·5	82·3	23·2	154·4	48·9	73·1	9·2	C	N	N	W	58·7
20	·746	·864	·747	·747	·776	94·4	97·7	105·6	89·1	96·7	108·4	83·8	24·6	161·4	53·0	78·4	5·4	W	N	W	W	101·7
21	·729	·750	·638	·659	·694	80·5	100·2	103·8	87·6	93·0	110·3	79·9	30·4	161·4	51·1	73·4	6·5	C	W	E	C	38·6
22	·679	·745	·678	·707	·702	80·0	100·2	109·2	87·6	94·3	112·5	78·9	33·6	163·4	50·9	70·9	8·0	SW	W	SW	C	32·9
23	·617	·754	·658	·668	·674	83·0	103·3	110·6	91·1	97·0	113·4	82·8	30·6	161·4	48·0	76·5	6·3	W	W	N	C	32·1
24	·642	·678	·588	·590	·624	87·0	103·6	112·3	96·1	99·7	115·1	86·8	28·3	162·4	47·3	81·8	5·0	W	S	W	W	31·6
25	·595	·632	·560	·562	·587	88·1	105·1	113·3	98·2	101·2	115·8	85·8	30·0	165·4	49·6	84·0	1·8	W	W	S	C	38·1
26	·588	·606	·533	·537	·566	89·1	106·3	112·3	97·2	101·2	117·1	87·3	29·8	166·2	49·1	83·6	3·7	C	W	S	WSW	57·0
27	·578	·629	·574	·598	·595	89·1	102·3	110·9	100·0	100·6	112·5	87·8	24·7	158·9	46·4	83·4	4·4	C	W	W	W	71·6
28	·651	·745	·662	·774	·708	92·1	101·0	110·3	97·1	100·1	111·5	90·8	20·7	161·4	49·9	90·0	0·8	E	E	NE	W	83·7
29	·801	·865	·801	·883	·837	85·0	97·2	89·0	95·2	91·6	102·5	81·8	20·7	151·4	48·9	81·4	0·4	E	E	ESE	S	133·6
30	·860	·849	·729	·786	·806	81·1	95·2	100·5	89·1	91·5	102·1	79·8	22·3	163·4	61·3	79·4	0·4	E	E	N	W	97·7
Mean	28·795	28·855	28·771	28·801	28·805	83·1	97·6	102·9	89·7	93·3	106·6	81·2	25·4	158·9	51·1	74·7	4·8	...	...	...	...	62·3

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	70·8	75·8	76·2	74·8	74·4	76·8	0·578	0·549	0·493	0·616	0·559	0·847	50	27	21	39	34	77	...	4	2	2	4	∞	∞	∞
2	71·8	72·9	73·2	71·8	72·4	70·8	·582	·620	·604	·698	·626	·580	47	49	44	73	53	50	...	6	4	3	8	∞	∞	∞
3	69·8	75·0	75·8	73·6	73·6	69·8	·690	·737	·724	·726	·719	·692	86	61	54	68	67	87	...	8	6	6	0	C.	C. Cs.	*b.*
4	72·6	75·4	75·8	74·8	74·6	70·9	·763	·669	·589	·699	·680	·702	86	46	32	55	55	81	...	0	4	3	0	*b.*	C. K.	*b.*
5	73·8	79·3	79·6	72·8	74·9	77·2	·711	·773	·687	·687	·714	·904	63	45	59	63	57	84	...	4	4	9	0	∞	C. Ck.	*b.*
6	71·3	74·4	73·8	68·0	71·9	70·9	·698	·565	·451	·412	·532	·703	76	33	22	31	41	81	...	0	4	2	5	*b.*	C. Fk.	C.
7	68·8	72·8	74·8	71·8	72·0	66·5	·568	·630	·535	·590	·581	·526	58	51	28	48	46	59	...	10	0	0	0	K.	*b.*	*b.*
8	68·8	74·8	74·8	71·8	72·5	68·9	·625	·572	·465	·576	·559	·640	72	33	21	45	43	76	...	0	0	0	0	*b.*	*b.*	*b.*
9	69·6	73·8	74·8	67·8	71·5	68·8	·571	·465	·424	·464	·481	·583	54	23	18	40	34	61	...	0	0	0	10	*b.*	*b.*	*b.*
10																				8	0	2	10	C.	C. *b.*	P.
11																				10	3	5	0	P.	C.	*b.*
12																				1	4	0	0	S.	C. *b.*	*b.*
13																				0	0	0	0	*b.*	*b.*	*b.*
14							Shed blown down.													4	0	0	6	C.	S. *b.*	P.
15																				0	3	5	0	*b.*	C. *b.*	*b.*
16																				0	2	5	2	*b.*	C. Fk.	C.
17																				2	2	1	0	Pc.	C.	*b.*
18																				2	3	4	6	S.	K. S.	K.
19	66·3	69·3	75·3	71·3	70·6	66·5	·424	·342	·487	·529	·446	·440	37	19	22	38	29	40	...	8	8	2	7	P.	P. ∞	Fk.
20	67·0	72·8	73·8	71·8	71·4	66·4	·295	·472	·406	·548	·430	·416	18	26	18	39	25	35	...	6	6	5	0	Fk.	Cs. Fk.	*b.*
21	69·6	74·8	74·8	70·8	72·5	68·8	·578	·520	·472	·529	·525	·556	56	27	22	40	36	55	...	0	0	5	0	*b.*	F. *c.* ∞	*b.*
22	68·8	76·6	75·8	73·4	73·6	68·8	·555	·598	·441	·633	·557	·570	54	31	18	48	38	58	...	3	2	7	0	C.	F. C. *c.*	*b.*
23	70·3	70·3	74·8	75·3	75·2	67·9	·572	·299	·380	·665	·479	·484	50	14	14	45	31	43	...	0	0	5	0	*b.*	Fk. *b.*	*b.*
24	71·4	77·0	78·6	74·8	75·4	71·8	·561	·569	·522	·576	·557	·581	44	26	20	33	31	45	...	7	4	4	2	*c.*	Ck. *c.*	∞
25	71·8	78·8	78·1	74·8	75·9	71·8	·562	·630	·486	·547	·556	·595	42	28	17	30	29	48	...	0	0	4	0	∞	C. *b.*	*b.*
26	73·8	79·8	78·3	76·8	77·2	74·7	·629	·659	·509	·647	·611	·691	46	28	18	37	32	54	...	0	0	6	4	*b.*	*b.*	C.
27	75·4	79·8	81·8	77·8	78·7	75·3	·696	·713	·692	·654	·689	·710	51	35	26	34	37	54	...	6	0	2	6	*c.*	C. *b.*	P.
28	78·2	79·5	82·8	78·8	79·8	76·7	·778	·718	·749	·738	·746	·730	51	37	29	42	40	51	...	8	7	8	10	Pk.	Fk.	P.
29	76·8	82·8	80·6	81·8	80·5	75·7	·812	·927	·933	·905	·894	·808	67	52	68	54	60	75	...	6	10	10	10	Pk.	Fk.	P.
30	76·0	81·6	79·8	76·8	78·6	75·7	·830	·896	·739	·757	·805	·835	78	54	38	55	56	82	...	8	2	3	7	Fk.	C. *c.*	*c.*
Mean	71·6	76·1	76·5	73·9	74·6	70·5	0·623	0·615	0·561	0·628	0·607	0·647	56	35	29	46	42	62	Nil.	6·30	7·16	6·40	6·76			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	28·773	28·781	28·767	28·779	28·775	85·0	96·2	76·9	76·9	83·8	103·5	84·6	18·9	161·4	57·9	83·4	1·2	C	W	E	E	51·9
2	·791	·799	·732	·740	·766	75·9	88·1	96·3	87·0	86·8	98·7	74·9	23·8	152·4	53·7	71·4	3·5	E	W	SW	C	58·9
3	·734	·784	·713	·742	·744	84·0	76·0	87·0	80·5	81·9	87·6	73·5	14·1	143·6	56·0	72·4	1·1	E	NW	SE	E	28·5
4	·703	·815	·743	·787	·762	76·4	85·0	97·4	86·0	86·2	98·5	75·9	22·6	149·4	50·9	71·4	4·5	C	E	SW	W	26·9
5	·788	·805	·746	·836	·794	81·0	94·1	101·7	85·6	90·6	103·7	79·9	23·8	154·6	50·9	73·2	6·7	W	W	SW	N	36·0
6	·778	·856	·799	·816	·812	80·4	91·4	100·5	85·0	89·3	101·5	79·8	21·7	155·5	54·0	73·2	6·6	W	SW	W	C	65·0
7	·789	·827	·764	·766	·786	79·0	100·2	105·1	91·5	93·9	107·3	77·9	29·4	159·8	52·5	70·6	7·3	C	W	W	C	14·6
8	·742	·790	·717	·770	·755	84·7	101·1	109·3	91·1	96·5	111·5	83·8	27·7	162·4	50·9	78·4	5·4	C	W	W	W	18·5
9	·761	·796	·739	·760	·764	82·8	99·2	110·3	94·1	96·6	111·6	80·9	30·7	162·0	50·4	73·4	7·5	W	W	E	W	52·9
10	·774	·810	·744	·751	·770	85·5	100·2	110·3	95·2	97·8	111·5	84·6	26·9	162·4	50·9	79·4	5·2	C	E	W	W	46·4
11	·695	·788	·745	·751	·745	87·0	102·3	109·3	95·2	98·5	111·5	85·8	25·7	159·4	47·9	81·0	4·8	C	W	W	W	53·9
12	·756	·785	·683	·693	·729	86·6	101·2	110·1	95·2	98·3	112 5	85·6	26·9	161·9	49·4	80·4	5·2	C	W	SW	SW	60·0
13	·709	·748	·686	·720	·716	87·0	101·3	107·1	95·7	97·8	110·1	85·4	24·7	164·4	54·3	80·4	5·0	W	E	W	E	42·5
14	·722	·771	·717	·774	·744	90·1	100·2	108·7	92·3	97·8	110·1	87·1	23·0	162·4	52·3	85·4	1·7	SE	E	SE	E	58·9
15	·801	·868	·834	·829	·833	88·6	97·2	91·8	85·0	90·6	104·0	86·8	17·2	152·5	48·5	83·4	3·4	E	E	SE	SE	91·6
16	·839	·847	·738	·727	·788	82·5	96·3	103·5	95·0	94·3	105·6	81·8	23·8	157·4	51·8	78·9	2·9	E	SE	SW	C	54·9
17	·706	·749	·724	·714	·723	90·1	96·9	84·0	82·6	88·4	99·5	90·1	9·4	151·3	51·8	86·9	3·2	SE	E	SW	N	44·7
18	·673	·748	·661	·679	·690	80·5	92·1	101·4	91·1	91·3	102·5	79·4	23·1	153·4	50·9	76·4	3·0	W	W	SW	C	44·4
19	·692	·733	·674	·699	·700	86·5	97·9	105·2	93·1	95·7	106·5	85·8	20·7	157·4	50·9	82·4	3·4	C	NW	S	C	10·5
20	·699	·728	·683	·747	·714	85·5	99·7	107·3	95·2	96·9	109·4	83·6	25·8	159·6	50·2	82·4	1·2	E	E	S	N	60·9
21	·740	·770	·729	·751	·748	86·0	99·0	106·6	93·3	96·2	108·4	84·6	23·8	157·4	49·0	81·6	3·0	NE	S	SW	SW	74·1
22	·753	·783	·689	·708	·733	83·8	97·0	105·8	93·9	95·1	107·2	83·3	23·9	158·2	51·0	80·2	3·2	C	SW	SW	W	69·0
23	·672	·718	·670	·730	·698	88·3	99·2	96·4	88·9	93·2	108·2	87·4	20·8	159·2	51·0	84·4	3·0	C	SW	NE	C	38 6
24	·759	·816	·773	·833	·795	83·6	98·8	106·3	90·3	94·7	107·5	82·4	25·1	162·4	54·9	78·4	4·0	W	C	W	W	51·3
25	·887	·950	·866	·861	·891	35·0	100·2	108·9	93·1	96·8	110·3	83·3	27·0	161·4	51·1	79·4	3·9	E	NW	W	W	38·2
26	·854	·894	·783	·771	·826	86·5	101·2	108·8	94·1	97·7	110·6	85·8	24·8	159·4	48·8	80·4	5·4	W	W	SW	W	58·0
27	·738	·767	·686	·710	·725	87·7	98·2	105·1	93·1	96·0	107·4	86·6	20·8	158·4	51·0	82·4	4·2	W	SW	SW	C	85·5
28	·696	·736	·637	·636	·676	88·1	95·8	105·2	95·2	96·1	107·5	85·8	21·7	158·4	50·9	81·4	4·4	W	SW	S	SW	48·6
29	·645	·701	·620	·651	·656	89·0	97·2	104·3	92·1	95·7	106·4	87·8	18·6	158·0	51·6	84·7	3·1	W	W	SW	E	61·4
30	·678	·754	·662	·690	·695	84·0	95·2	100·2	89·1	92·1	102·5	82·8	19·7	156·9	54·4	81·4	1·4	E	E	NE	E	73·3
31	·712	·778	·711	·808	·752	86·0	91·1	74·6	75·9	81·9	92·1	77·1	15·0	112·4	20·3	71·4	5·7	E	NE	N	W	102·5
Mean	28·744	28·790	28·724	28·749	28·752	84·7	96·4	101·5	90·1	93·2	105·7	83·0	22·6	156·3	50·7	79·0	4·0	...	...	...	...	52·3

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M & 4 P M	After 4 P M
1	78·8	79·8	71·1	72·3	75·7	76·9	0·902	0·796	0·714	0·729	0·785	0·822	76	44	77	79	69	70	...	10	4	10	3	Pc.	C.	Pc.
2	73·6	77·8	78·8	76·8	76·8	70·9	·799	·815	·741	·785	·785	·703	88	61	44	62	64	81	0·05	2	1	5	0	C.	Fk.	Pc.
3	77·8	74·1	76·8	76·6	76·3	71·8	·870	·818	·785	·865	·835	·754	75	91	62	82	77	93	0·38	4	10	2	6	C.	Pc.	Ps.
4	74·8	77·0	77·0	75·4	76·0	74·0	·842	·821	·653	·738	·763	·815	93	68	37	60	64	91	...	3	4	0	0	Cs.	P.	v.
5	76·3	77·7	77·0	70·8	75·4	75·2	·844	·729	·595	·557	·681	·812	81	45	30	45	50	80	...	0	0	0	10	P.	P.	P.
6	71·3	78·8	74·8	72·9	73·2	67·3	·645	·598	·517	·647	·602	·637	62	41	27	54	46	88	...	4	7	3	0	Ck.	C.	P.
7	71·8	75·6	75·3	77·0	74·9	70·9	·684	·555	·476	·733	·612	·663	70	29	21	50	42	70	...	0	0	0	0	v.	v.	v.
8	76·7	80·8	75·8	71·8	76·3	75·7	·815	·769	·440	·521	·636	·781	68	39	18	36	40	68	...	0	0	0	0	v.	v.	v.
9	69·8	73·6	75·8	77·8	74·2	70·4	·555	·485	·563	·734	·584	·604	49	25	17	46	34	58	...	0	0	1	0	v.	c. v.	v.
10	75·8	78·9	77·8	75·8	77·1	76·3	·754	·701	·650	·631	·684	·796	63	36	21	39	40	66	...	0	0	0	0	v.	v.	v.
11	75·8	77·8	75·8	75·8	76·3	75·7	·741	·622	·575	·631	·642	·754	58	30	18	38	36	61	...	0	0	0	0	v.	v.	v.
12	76·8	77·8	80·2	75·8	77·6	75·9	·791	·637	·626	·631	·671	·765	62	32	24	38	39	63	...	0	0	2	0	v.	v.	v.
13	75·0	77·8	77·8	76·8	76·7	75·0	·707	·636	·550	·667	·640	·729	55	32	23	40	37	59	...	3	2	4	5	c. b.	Pc.	c.
14	75·8	77·8	77·8	76·6	77·0	75·6	·700	·650	·537	·704	·648	·716	49	34	31	46	37	57	...	4	4	3	3	P.	P.	c.
15	78·8	80·3	77·5	76·8	78·3	77·2	·854	·807	·751	·812	·806	·805	53	46	50	68	54	63	...	3	0	10	0	C.	v.	c.
16	76·8	80·8	80·2	78·8	79·2	76·6	·847	·842	·716	·767	·795	·817	75	49	33	47	51	79	...	0	2	4	8	c.	c.	Pc.
17	77·6	80·8	75·4	77·8	77·9	77·7	·778	·834	·765	·889	·817	·782	55	48	66	79	62	55	0·45	8	2	10	4	P.	Pc.	b.
18	77·8	79·6	80·0	82·6	80·0	75·3	·917	·843	·735	1·008	·876	·823	39	56	37	70	63	82	...	8	8	7	0	C.	Pc.	P.
19	80·3	81·8	81·8	79·4	80·8	79·9	·952	·868	·769	0·820	·852	·942	76	48	35	53	53	76	...	2	7	4	5	C.	C.	b.
20	73·4	79·1	79·8	77·3	77·4	73·6	·661	·717	·646	·696	·680	·695	55	38	27	42	40	59	...	0	2	3	2	c.	c.	c.
21	71·8	78·9	80·8	77·8	77·3	72·0	·592	·717	·702	·744	·689	·624	48	39	30	48	41	53	...	0	0	3	0	b.	b.	b.
22	71·4	76·6	79·8	80·3	77·0	71·4	·604	·641	·666	·851	·690	·611	52	37	29	54	43	53	...	0	0	0	0	b.	v.	v.
23	78·8	79·8	78·8	73·6	76·5	77·3	·857	·756	·531	·624	·692	·802	62	25	31	45	41	62	...	0	0	5	8	b.	c.	Ck.
24	73·8	77·8	79·8	76·8	77·0	72·6	·703	·670	·659	·740	·692	·671	60	36	28	52	44	60	...	0	0	8	6	b.	b.	Ck.
25	75·8	78·8	77·3	76·3	77·2	74·7	·769	·696	·512	·703	·670	·745	64	36	21	45	41	65	...	0	0	0	0	b.	b.	b.
26	74·8	78·3	77·6	74·8	76·4	74·9	·706	·661	·526	·603	·624	·720	57	33	21	38	37	58	...	0	0	2	0	b.	b.	c.
27	72·8	77·8	76·8	74·8	75·5	73·1	·606	·677	·540	·616	·610	·634	38	37	24	40	35	50	...	4	2	4	7	b.	c.	c.
28	72·2	77·8	79·0	74·6	75·9	72·7	·578	·712	·638	·581	·627	·629	43	42	29	35	37	51	...	0	7	7	0	c.	c.	P.
29	75·3	78·8	79·1	77·8	77·8	75·2	·629	·736	·654	·761	·695	·705	51	42	30	50	43	54	...	9	3	6	8	b.	Ck.	Ck.
30	75·8	80·4	80·8	77·4	78·6	75·2	·776	·838	·789	·783	·796	·773	68	50	41	58	54	69	...	0	7	10	2	Ck.	Pc.	Ck.
31	76·8	75·8	71·8	73·3	74·4	70·9	·798	·686	·741	·787	·751	·674	65	46	86	84	70	78	1·13	10	10	10	2	Pc.	P.	P.
Mean	75·3	78·2	77·5	76·2	76·8	74·2	0·751	0·720	0·637	0·721	0·707	0·735	63	42	34	52	48	67	2·01	2·58	2·87	3·97	2·55			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	28·789	28·874	28·787	28·795	28·811	74·8	82·5	92·1	81·6	82·7	93·2	73·5	19·7	153·4	60·2	68·5	5·0	C	N	C	W	85·1
2	·796	·847	·755	·748	·786	75·9	90·7	100·0	84·5	87·8	100·1	75·4	24·7	152·4	52·3	69·5	5·9	C	NE	W	C	25·8
3	·754	·808	·713	·731	·752	79·4	96·2	104·3	87·0	91·7	105·5	78·9	26·6	158·4	52·9	72·6	6·0	NW	NW	W	C	33·2
4	·746	·799	·732	·752	·757	81·8	99·2	106·3	89·6	94·2	109·0	80·7	28·3	160·4	51·1	74·4	6·3	C	W	S	SW	33·8
5	·794	·845	·742	·737	·779	81·8	99·2	108·3	87·0	94·1	110·0	79·9	30·1	161·4	51·4	73·2	6·7	C	SW	W	C	29·0
6	·729	·777	·671	·690	·717	85·0	101·2	108·8	92·1	96·8	110·6	80·9	29·7	163·4	52·8	75·4	5·5	W	W	S	S	31·6
7	·707	·767	·683	·708	·716	82·7	101·2	108·3	94·2	96·6	110·6	80·7	29·9	165·4	54·8	72·4	8·3	E	SW	SW	W	63·4
8	·703	·707	·633	·724	·692	84·0	101·2	110·1	92·1	96·8	111·5	82·8	28·7	165·0	53·5	78·2	4·6	W	W	SW	W	96 0
9	·657	·713	·686	·736	·698	84·0	101·0	109·3	93·1	96·8	112·4	82·8	29·6	166·4	54·0	73·4	9·4	W	SW	SW	SW	64·0
10	·747	·811	·765	·726	·762	84·8	95·2	152·3	92·9	93·8	107·5	82·8	24·7	162·6	55·1	74·0	8·8	C	W	S	SW	68·7
11	·718	·748	·676	·670	·703	85·6	96·2	104·4	93·1	94·8	107·0	83·3	23·7	158·4	51·4	78·2	5·1	C	S	S	W	85·3
12	·694	·752	·685	·708	·710	85·0	99·8	106·0	93·1	96·0	108·6	83·8	24·8	160·3	51·7	80·4	3·4	W	SW	SW	SW	87·9
13	·722	·786	·675	·698	·720	86·0	99·2	107·3	94·1	96·6	108·5	84·6	23·9	158·4	49·9	79·4	5·2	W	W	S	W	78·2
14	·722	·757	·685	·713	·720	86·0	99·2	108·3	93·1	96·9	110·0	84·8	25·2	159·4	49·4	78·2	6·6	C	W	S	NE	90·0
15	·705	·719	·661	·683	·692	88·3	99·5	109·0	92·3	97·3	112·0	89·3	25·7	163·4	51·4	83·4	2·9	E	W	W	SW	71·7
16	·659	·673	·610	·622	·641	88·1	101·5	111·5	96·2	99·3	113·6	85·6	28·0	165·4	51·8	80·9	4·7	W	W	S	SW	45·7
17	·567	·661	·612	·630	·617	87·0	96·2	107·9	96·2	96·8	110·0	84 7	25·3	160·4	50·4	80·4	4·3	W	SW	W	SW	101·5
18	·642	·710	·625	·654	·658	87·5	97·2	105·3	95·2	96·3	107·5	85·4	22·1	158·4	50·9	81·6	3·8	C	W	W	W	64·0
19	·681	·777	·695	·822	·744	89·9	95·0	99·2	80·6	91·2	100·5	87·0	13·5	146·4	45·9	82·9	4·1	E	E	E	N	68·0
20	·779	·858	·797	·879	·828	77·9	89·1	83·6	75·9	81·6	90·5	74·0	16·5	109·4	18·9	72·9	1·1	E	SE	ESE	E	138·3
21	·916	·978	·906	·943	·936	73·8	88·0	97·2	86·0	86·5	99·5	73·0	26·5	148·7	49·2	67·9	5·1	C	E	W	C	37·9
22	·968	29·026	·946	·958	·975	79·9	95·2	102·1	88·6	91·5	103·5	78·9	24·6	151·4	47·9	74·4	4·5	C	S	N	C	39·0
23	·959	28·991	·901	·924	·944	85·0	98·7	105·3	88·7	94·4	106·5	83·8	22·7	159·4	52·9	78·9	4·9	W	S	W	SW	39·1
24	·927	·987	·886	·894	·924	84·0	101·2	106·8	91·9	96·0	109·5	80·9	28·6	159·5	50·0	75·1	5·8	E	W	W	W	39·2
25	·898	·961	·838	·863	·890	82·8	100·2	108·2	90·3	95·3	109·5	80·7	28·8	160·4	50·9	74·7	6·0	C	W	SW	C	47·8
26	·858	·908	·803	·845	·854	83·0	99·7	109·3	91·3	95·8	110·8	80·9	29·9	161·0	50·2	74·9	6·0	C	E	S	NE	58·3
27	·868	·930	·853	·891	·885	83·0	97·2	108·3	92·9	95·4	108·6	82·6	26 0	156·7	48·1	79·9	2·7	E	E	SW	SE	96·8
28	·924	·977	·857	·948	926	84·2	95·5	103·1	83·3	91·5	103·6	82·6	21·0	144·4	40·8	80·9	1·7	SE	E	E	NE	137·1
29	·952	·975	·885	·888	·925	79·9	96·3	104·3	90·7	92·8	107·0	78·7	28·3	157·6	50·6	73·9	4·8	NW	NE	NW	NE	100·9
30	·924	·985	·856	·884	·912	81·8	101·8	108·2	88·6	95·1	109·5	79·9	29·6	161·6	52·1	75·4	4·5	C	E	S	N	32·8
31	·912	·985	·869	·907	·918	83·0	97·2	104·4	94·1	94·7	105·3	81·8	23·5	140·4	35·1	74·9	6·9	C	E	E	SE	58·1
Mean	28·788	28·842	28·757	28·786	28·793	83·1	97·2	104·8	90·0	93·8	106·8	81·4	25·5	156·4	49·6	76·2	5·2	...	...	...	...	66·1

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	72·8	76·4	78·7	76·3	76·0	71·4	0·780	0·829	0·801	0·836	0·811	0·738	90	73	53	77	72	90	...	10	10	5	0	*Cloudy.*	*Cloudy.*	*b.*
2	74·4	77·4	78·8	77·8	77·1	73·8	·846	·761	·700	·864	·793	·814	98	52	37	74	65	93	...	0	0	0	0	*b.*	*b.*	*b.*
3	75·8	78·3	76·8	78·8	77·4	75·7	·845	·727	·551	·876	·750	·848	85	42	25	69	55	86	...	0	0	0	0	*b.*	*b.*	*b.*
4	76·8	76·8	77·6	77·6	77·2	75·2	·856	·620	·559	·785	·705	·801	79	34	25	55	48	76	...	0	0	3	0	*b.*	Pc.	*v.*
5	72·3	77·3	76·8	75·8	75·7	71·8	·666	·664	·497	·742	·642	·676	61	35	20	57	43	66	...	0	0	3	0	*b.*	Pc.	*b.*
6	71·4	74·8	72·8	71·8	72·6	71·7	·588	·536	·306	·506	·484	·655	49	25	13	34	30	62	...	0	0	3	0	*b.*	Pc.	*b.*
7	70·4	76·2	72·1	72·8	72·9	70·0	·579	·567	·301	·519	·492	·591	53	28	12	32	31	57	...	1	0	5	4	*b.*	*b.*	Pc. *b.*
8	72·8	74·8	73·5	71·6	73·2	72·8	·657	·507	·334	·582	·520	·647	57	25	13	33	32	60	...	0	0	0	0	*b.*	*b.*	*b.*
9	70·8	73·8	74·0	73·8	73·1	70·3	·578	·470	·336	·357	·435	·574	50	24	14	37	31	52	...	0	0	6	0	*v.*	K.	*c.*
10	72·8	76·6	76·3	74·8	75·1	72·8	·646	·666	·583	·619	·628	·672	54	41	27	40	40	60	...	7	8	10	0	P. *c.*	P. c.	P. c.
11	73·0	75·0	76·8	72·6	74·4	71·5	·644	·584	·550	·527	·576	·614	53	34	25	34	36	54	...	0	6	4	0	C. *b.*	C. *b.*	...
12	70·8	76·9	77·7	75·8	75·3	71·8	·565	·617	·567	·659	·602	·620	47	32	25	42	36	54	...	0	0	1	0	*b.*	*c. b.*	*v.*
13	74·8	76·8	78·8	75·6	76·5	73·0	·713	·620	·599	·638	·642	·657	58	33	25	40	39	56	...	0	0	0	0	*v.*	*v.*	*v.*
14	74·0	77·6	79·6	76·3	76·9	73·6	·679	·655	·623	·681	·660	·680	55	35	26	44	40	58	...	0	0	0	0	*v.*	*v.*	*v.*
15	74·3	76·4	77·8	75·6	76·0	74·6	·660	·598	·528	·662	·612	·695	50	32	21	44	37	57	...	0	0	0	0	*v.*	*v.*	*v.*
16	72·8	76·7	74·8	72·8	74·3	72·8	·602	·585	·369	·487	·511	·633	45	28	15	29	29	52	...	0	0	4	2	*b.*	*b.*	Pk.
17	70·0	77·4	78·8	74·6	75·2	71·0	·522	·704	·618	·585	·607	·688	39	40	23	33	34	49	...	4	3	8	10	C. *c.*	C. *c.*	Pc. *c.*
18	74·8	77·6	77·8	76·3	76·6	74·5	·704	·701	·606	·670	·670	·718	54	39	24	40	39	58	...	4	3	6	5	Pc. *c.*	C. *c.*	C. *c.*
19	74·8	77·0	78·8	71·6	75·5	74·3	·661	·686	·709	·656	·678	·664	47	42	39	62	48	51	...	10	10	10	10	P. *o.*	P. *o.*	P. *o.*
20	68·8	74·8	75·8	69·8	72·3	68·9	·583	·671	·787	·648	·672	·639	61	48	68	73	63	76	0·12	10	10	10	0	P. *o.*	P. *o.*	P. *o.*
21	70·6	72·8	75·8	75·7	73·7	68·9	·708	·591	·603	·751	·663	·652	86	44	34	60	56	81	...	7	0	0	0	P. *c.*	*b.*	*b.*
22	73·0	76·8	76·8	75·8	75·6	72·8	·718	·674	·581	·719	·673	·725	70	41	28	53	48	74	...	0	0	0	0	*b.*	*b.*	*b.*
23	74·8	76·8	74·8	74·6	75·3	74·7	·725	·662	·453	·678	·620	·739	60	34	20	51	41	64	...	0	0	6	0	*b.*	*b.*	C. P.
24	70·8	75·6	73·8	71·6	72·9	71·4	·577	·542	·390	·503	·503	·642	50	27	17	33	32	61	...	0	0	0	0	*b.*	*b.*	*b.*
25	71·0	73·6	74·7	71·8	72·8	71·1	·602	·471	·409	·533	·503	·633	53	24	17	37	33	60	...	0	0	0	0	*b.*	*b.*	*b.*
26	70·3	74·3	74·8	73·8	73·3	74·3	·572	·507	·397	·573	·512	·761	52	27	16	42	34	73	...	0	0	1	0	*b.*	*b.*	*c. b.*
27	72·8	78·8	73·3	76·8	76·7	73·4	·670	·737	·563	·706	·669	·701	60	42	23	46	43	63	...	0	0	0	0	*b.*	*b.*	*b.*
28	73·8	76·8	77·8	69·8	74·5	73·8	·694	·671	·612	·548	·631	·717	59	41	29	48	44	63	...	4	0	0	6	*g.*	*g.*	∞
29	68·9	74·5	76·3	73·8	73·4	69·7	·560	·556	·538	·605	·564	·606	55	33	25	42	39	61	...	1	0	0	0	*bc.*	*b.*	*b.*
30	72·3	74·3	75·4	74·8	74·2	71·8	·666	·478	·440	·677	·565	·673	61	23	18	50	38	66	...	0	0	0	0	*b.*	*v.*	*v.*
31	71·3	78·6	78·7	75·8	76·1	71·3	·611	·728	·634	·646	·654	·626	55	41	29	40	41	58	...	0	0	7	6	*b.*	*b.*	C. *c.*
Mean	72·5	76·2	76·5	74·4	74·9	72·4	0·660	0·625	0·534	0·638	0·614	0·677	60	36	25	47	42	64	0·12	1·84	1·61	2·97	1·39			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	28·954	29·024	28·889	28·936	28·951	88·1	96·2	103·3	91·2	94·7	105·0	84·8	20·2	155·4	50·4	80 9	3·9	E	E	NE	NE	79·3
2	·935	·014	·955	29·003	·977	87·5	96·0	74·7	75·3	83·4	96·3	85·8	10·5	129 4	33·1	83·9	1·9	E	SE	E	NE	91·7
3	·997	·051	·988	·012	29·012	74·8	72·8	78·4	74·9	75·2	78·7	72·0	6·7	122·4	43·7	69·9	2·1	E	E	NE	E	129·2
4	·981	·017	·907	28·923	28·957	74·0	85·8	92·1	83·0	83·7	92·6	73·5	19·1	148·0	55·4	70·9	2·6	N	E	E	C	87·1
5	·898	28·919	·814	·871	·875	80·1	91·1	96·5	81·0	87·2	97·9	78·9	19·0	153·6	55·7	75·4	3·5	C	W	E	C	35·5
6	·851	·905	·808	·846	·853	77·9	90·6	95·7	85·0	87·3	97·6	76·9	20·7	158·4	60·8	72·7	4·2	C	S	W	SW	36·3
7	·855	·940	·877	·902	·893	81·5	93·1	95·0	80·3	87·5	99·5	79·9	19·6	146·0	46·5	75·9	4·0	C	SE	E	NE	40·4
8	·904	·936	·851	·865	·889	76·9	87·5	96·6	83·0	86·0	98·4	76·4	22·0	142·9	44·5	74·9	1·5	N	NE	SW	W	128·5
9	·854	·899	·772	·795	·830	80·0	91·1	93·1	82·6	86·7	98·5	78·9	19·6	154·2	55·7	74·9	4·0	S	W	E	SW	43·5
10	·804	·861	·760	·770	·799	79·7	93·1	98·4	85·5	89·2	100·5	78·9	21·6	162·1	61·6	71·9	7·0	C	NE	E	C	37·7
11	·769	·825	·738	·788	·780	77·9	90·1	99·2	84·2	87·8	99·5	74·9	24·6	153·4	53·9	67·9	7·0	NE	W	W	E	86·5
12	·787	·896	·840	·882	·851	77·9	88·6	99·2	85·5	87·8	100·1	76·7	23·4	150·4	50·3	71·9	4·8	NE	N	W	SW	61·8
13	·893	·971	·895	·911	·917	76·9	93·1	100·8	86·0	89·2	102·4	76·7	25·7	154·4	52·0	69·9	6·8	C	C	W	W	36·6
14	·926	·961	·893	·915	·924	80·8	93·7	100·2	84·2	87·7	102·6	77·7	24·9	156·4	53·8	71·7	6·0	W	SW	E	C	47·1
15	·926	·996	·929	·976	·957	81·0	89·7	99·2	83·5	88·3	100·5	78·1	22·4	155·4	54·9	75·2	2·9	W	W	W	W	49·4
16	·986	29·086	·990	29·015	29·019	77·9	91·1	99·9	83·0	87·9	101·3	74·9	26·4	153·7	52·4	67·9	7·0	C	SW	SW	E	49·3
17	29·029	·103	·983	28·992	·027	79·5	92·1	100·0	85·0	89·2	102·0	77·4	24·6	153·4	51·4	71·5	5·9	N	W	SW	SW	50·3
18	28·981	·047	·972	29·015	·004	79·9	92·9	100·0	86·5	89·8	102·0	77·9	24·1	155·4	53·4	71·9	6·0	SW	W	SW	W	56·1
19	29·014	·083	29·005	·046	·037	78·5	91·9	101·0	83·5	88·7	102·5	76·9	25·6	154·4	51·9	70·9	6·0	W	W	W	C	49·2
20	·067	·144	28·991	28·999	·050	78·9	93·1	99·7	83·0	88·7	102·3	78·0	24·3	154·4	52·1	73·9	4·1	C	N	W	C	38·8
21	28·964	·016	·913	·941	28·959	77·5	95·2	102·8	83·0	89·6	104·8	76·2	28·6	156·4	51·6	67·9	8·3	W	NW	W	C	29·2
22	·995	·065	·985	29·003	29·012	77·9	95·2	101·2	82·5	89·2	104·5	75·3	29·2	156 4	51·9	68·1	7·2	C	SW	W	SW	35·6
23	29·016	·065	·973	28·988	·010	78·5	94·2	102·3	79·9	88·7	105·5	76·3	29·2	157.4	51·9	69·9	6·4	W	N	N	S	49·4
24	28·976	·058	·979	·989	·001	75·4	92·9	103·4	78·9	87·6	105·3	70·0	35·3	158.4	53·1	64·9	5·1	C	NW	W	SW	28·0
25	29·012	·072	·975	·979	·009	72·8	96·0	101·8	78·8	87·4	107·0	71·0	36·0	159·4	52·4	61·9	9·1	W	NW	W	C	30·8
26	28·981	·044	·958	·990	28·993	72·8	96·2	103·3	87·6	90·0	106·5	70·0	36·5	158·6	52·1	61·9	8·1	C	W	W	SW	21·1
27	·979	·059	·979	29·003	29·005	71·2	98·2	104·3	76 6	87·6	107·0	71·0	36·0	158·4	51·4	61·4	9·6	C	N	W	C	27·9
28	29·006	·079	29·002	·025	·028	70·7	95·2	103·3	75·9	86·3	107·0	66·3	40·7	159·4	52·4	56·9	9·4	C	C	W	C	24·0
29	·024	·078	28·989	·001	·023	70·7	93·1	103·3	75·3	85·6	107·3	66·9	40·4	159·4	52·1	58·4	8·5	C	W	W	C	29·0
30	·002	·098	29·004	28·996	·025	68·7	92·7	103·3	72·8	84·4	105·5	66·6	38·9	158·2	52·7	57·7	8·9	C	NE	E	SW.	28·7
Mean	28·945	29·010	28·920	82·946	28·955	77·5	92·1	98·4	81·9	87·5	101·4	75·5	25·9	153·2	51·8	69·8	5·7	...	...	...	...	49·6

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	75·0	78·8	78·6	76·8	77·3	75·7	0·693	0·744	0·646	0·726	0·702	0·767	52	44	31	50	44	64	...	0	0	0	6	*b.*	*b.*	Pc.
2	75·8	78·6	71·8	72·3	74·6	75·2	·735	·724	·742	·754	·739	·733	57	44	86	86	68	59	...	7	6	10	10	P.	Pc.	P.
3	73·6	71·8	75·6	73·6	73·6	71·1	·814	·768	·849	·813	·811	·750	95	95	86	93	92	95	0·35	10	10	10	6	P.	P.	Pc.
4	72·6	77·6	81·8	79·8	78·0	71·4	·781	·837	·948	·975	·885	·742	93	68	62	87	78	90	1·55	7	3	3	0	Cs.	*b.*	*b.*
5	78·8	80·8	80·3	75·8	78·9	77·7	·968	·913	·816	·823	·880	·935	93	62	48	78	70	95	...	3	3	4	0	Ck.	Ck.	*Cloudy.*
6	75·0	78·8	79·8	77·8	77·8	73·8	·830	·826	·803	·857	·829	·754	86	57	47	72	66	86	...	0	0	0	0	*b.*	*b.*	*b.*
7	78·0	80·6	79·2	74·8	78·2	76·7	·913	·873	·785	·789	·840	·877	85	57	47	76	66	87	...	4	3	3	5	*Cloudy.*	*Cloudy.*	*Cloudy.*
8	73·4	76·8	78·7	75·8	76·2	71·8	·777	·778	·739	·794	·772	·721	84	60	43	71	65	79	0·13	4	8	8	6	*Cloudy.*	*Cloudy.*	*Cloudy.*
9	75·8	79·8	79·0	77·3	78·0	73·3	·836	·865	·802	·867	·843	·746	82	59	52	79	68	76	...	3	3	6	0	*Cloudy.*	*Cloudy.*	∞
10	75·8	79·8	78·1	74·8	77·1	74·7	·840	·838	·688	·720	·772	·805	82	51	37	59	57	82	...	0	0	5	0	*v.*	*v.*	*v.*
11	72·0	76·8	78·3	71·3	74·7	70·9	·743	·743	·709	·594	697	·703	74	52	38	51	54	81	...	0	0	0	0	*v.*	*v.*	*v.*
12	71·3	74·8	76·8	73·8	74·2	70·9	·689	·678	·620	·678	·666	·679	72	50	34	57	53	73	...	0	0	3	0	*v.*	*v.*	*v.*
13	71·8	75·8	74·8	71·6	73·5	70·9	·712	·658	·512	·579	·615	·679	77	42	26	47	48	73	...	0	0	0	0	*v.*	*v.*	*v.*
14	72·6	75·0	75·8	73·8	74·3	70·4	·692	·618	·563	·695	·642	·675	67	39	29	59	48	68	...	0	0	0	0	*v.*	*v.*	*v.*
15	72·4	73·6	76·0	74·3	74·1	70·1	·681	·612	·585	·726	·651	·629	64	44	31	63	51	65	...	0	0	0	0	*v.*	*v.*	*v.*
16	67·8	74·6	72·8	72·3	71·9	66·4	·546	·635	·444	·649	·568	·536	58	44	23	59	46	62	...	0	0	0	0	*v.*	*v.*	*v.*
17	69·6	73·6	73·8	71·8	72·2	69·7	·592	·576	·482	·603	·563	·624	58	39	25	51	43	67	...	0	0	0	0	*v.*	*v.*	*v.*
18	71·3	74·8	73·8	71·8	72·9	70·4	·652	·619	·431	·584	·584	·644	64	40	26	47	44	67	...	0	0	0	0	*v.*	*v.*	*v.*
19	71·3	74·8	73·8	73·2	73·3	69·4	·671	·633	·469	·680	·613	·619	70	43	24	60	49	67	...	0	0	0	0	*v.*	*v.*	*v.*
20	71·3	72·3	75·6	72·8	73·0	70·9	·665	·509	·562	·670	·601	·662	68	33	30	60	48	70	...	0	0	0	0	*v.*	*v.*	*v.*
21	69·3	76·8	74·8	71·4	73·1	68·9	·603	·674	·485	·614	·595	·609	65	41	28	55	46	67	...	0	0	0	0	*v.*	*v.*	*v.*
22	68·4	72·4	72·8	70·3	71·0	68·4	·569	·489	·425	·578	·515	·603	60	29	22	53	41	69	...	0	0	3	0	*v.*	*v.*	*v.*
23	65·8	70·8	73·7	66·8	69·3	65·7	·466	·440	·447	·483	·459	·492	48	27	22	48	36	55	...	0	0	0	0	*v.*	*v.*	*v.*
24	64·3	70·4	74·8	68·3	69·4	63·9	·456	·442	·477	·551	·482	·514	53	29	23	57	40	70	...	0	0	0	0	*v.*	*v.*	*v.*
25	64·8	72·8	70·4	68·6	69·2	63·9	·508	·495	·322	·565	·472	·500	63	29	16	58	42	66	...	0	0	4	0	*v.*	*v.*	*v.*
26	63·8	71·8	71·3	68·8	69·0	63·9	·473	·455	·359	·456	·436	·514	58	26	17	34	34	70	..	0	0	0	0	*v.*	*v.*	*v.*
27	63·8	75·8	71·8	65·2	69·2	61·6	·494	·590	·343	·470	·474	·417	64	32	16	51	41	56	...	0	0	0	0	*v.*	*v.*	*v.*
28	60·1	72·8	69·8	63·8	66·6	59·6	·380	·506	·279	·432	·400	·429	51	30	14	49	36	66	...	0	0	0	0	*v.*	*v.*	*v.*
29	60·0	69·8	71·4	65·3	66·6	58·8	·377	·417	·341	·492	·407	·390	51	26	16	56	37	60	...	0	0	0	0	*v.*	*v.*	*v.*
30	59·8	69·8	71·8	63·3	66·1	57·7	·396	·422	·357	·456	·408	·360	56	27	17	57	39	55	...	0	0	0	0	*v.*	*v.*	*v.*
Mean	70·2	75·1	75·3	71·9	73·1	69·1	0·652	0·646	0·569	0·656	0·631	0·637	68	44	34	61	52	71	2·03	1·27	1·20	2·07	1·10			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	28·980	29·065	28·965	28·989	28·999	67·7	93·7	102·5	75·9	84·9	106·5	65·3	41·2	157·9	51·4	58·7	6·6	C	SE	SW	C	25·3
2	·979	·089	·996	29·019	29·021	68·9	93·1	102·3	75·9	85·0	105·5	66·6	38·9	159·2	53·7	55·9	10·7	C	NE	C	C	22·0
3	29·032	·125	29·025	·052	·058	69·7	95·2	103·3	76·7	86·2	106·5	68·0	38·5	157·4	50·9	56·4	11·6	C	NE	SW	C	22·3
4	·053	·109	·020	·072	·064	70·7	94·1	100·5	79·9	86·4	104·3	69·0	35·3	158·4	54·1	58·9	10·1	W	W	S	C	20·1
5	·069	·107	28·967	·012	·039	76·4	90·1	98·0	81·0	86·4	100·5	72·8	27·7	152·6	52·1	63·9	8·9	C	W	W	W	47·8
6	·080	·228	29·169	·191	·167	74·8	70·8	77·6	71·3	73·6	79·7	70·0	9·7	124·9	45·2	63·9	6·1	E	SE	E	C	10·5
7	·208	·256	·130	·184	·195	68·7	78·7	84·9	71·2	75·9	85·7	67·8	17·9	142·9	57·2	61·7	6·1	C	E	SE	E	43·5
8	·188	·252	·133	·167	·185	67·7	74·3	84·0	72·8	74·7	85·3	67·4	17·9	136·4	51·1	63·9	3·5	W	NE	C	C	69·6
9	·171	·226	·140	·147	·171	69·7	77·9	85·6	74·4	76·9	87·2	68·0	19·2	140·4	53·2	61·1	6·9	W	NE	NE	C	41·0
10	·154	·210	·118	·154	·159	68·3	83·0	89·1	72·8	78·3	91·5	67·1	24·4	148·9	57·4	60·5	6·6	E	C	NE	N	21·3
11	·128	·177	·086	·264	·164	68·7	84·0	81·8	69·7	76·0	88·6	66·1	22·5	147·0	51·4	61·5	4·6	C	W	N	W	82·5
12	·201	·261	·175	·187	·206	65·6	76·9	84·0	71·8	74·6	87·1	65·1	22·0	141·4	54·3	57·5	7·6	N	N	N	C	109·5
13	·216	·289	·218	·214	·234	62·6	83·0	88·6	72·8	76·8	91·2	60·6	30·6	144·4	53·2	56·9	3·7	C	N	NW	N	20·6
14	·138	·143	·016	·061	·090	66·2	85·4	93·1	72·3	79·2	94·6	64·2	30·5	145·4	50·8	50·5	13·6	C	E	C	N	48·0
15	·044	·080	·006	·059	·047	68·5	84·0	92·1	78·4	80·8	95·8	66·2	29·7	148·4	52·6	60·4	5·7	N	E	W	E	55·4
16	·066	·130	·074	·161	·108	73·0	85·5	90·1	72·2	80·2	93·6	70·8	22·8	141·4	47·8	63·9	6·9	C	E	C	N	105·0
17	·159	·215	·129	·149	·163	65·4	78·2	88·5	71·8	76·0	90·7	64·3	26·4	142·2	51·5	54·9	9·4	W	NW	W	C	82·3
18	·131	·180	·125	·200	·159	67·8	80·9	84·0	68·7	75·4	96·2	65·1	31·1	146·4	50·2	57·7	7·4	N	C	SE	SE	32·9
19	·168	·251	·172	·210	·200	63·6	78·9	85·3	66·6	73·6	88·5	62·0	26·5	141·4	52·9	55·7	6·3	C	NE	C	C	28·8
20	·195	·236	·195	·196	·205	62·2	75·1	83·0	67·3	71·9	86·1	58·8	27·3	138·4	52·3	51·5	7·3	C	NNE	WSW	C	31·0
21	·173	·208	·158	·174	·178	57·4	76·8	81·0	61·6	69·2	84·7	55·6	29·1	139·4	54·7	45·9	9·7	C	W	NE	C	19·3
22	·175	·240	·170	·194	·195	56·4	78·9	85·0	61·6	70·5	87·1	54·1	33·0	141·5	54·4	43·9	10·2	C	C	NNE	C	18·0
23	·096	·258	·174	·205	·183	59·4	77·7	85·8	62·6	71·4	88·6	55·9	32·7	142·4	53·8	45·1	10·8	C	C	W	C	23·0
24	·191	·266	·212	·235	·226	57·1	78·9	86·0	61·6	70·9	89·6	56·1	33·5	143·4	53·8	45·9	10·2	C	NE	W	C	14·0
25	·241	·317	·258	·298	·278	56·6	79·9	85·8	62·6	71·2	89·6	54·1	35·5	142·4	52 8	45·9	8·2	C	SW	W	C	29·0
26	·289	·375	·274	·290	·307	55·6	78·9	86·2	62·6	70·8	88·6	54·7	33·9	141·4	52·8	46·9	7·8	C	C	NW	C	23·3
27	·291	·340	·254	·270	·289	57·6	79·5	86·0	66·6	72·4	90·6	55·4	35·2	148·9	58·3	45·9	9·5	C	E	W	C	15·7
28	·274	·329	·280	·292	·294	68·3	79·9	84·0	72·8	76·3	88·6	65·1	23·5	142·0	53·4	59·9	5·2	C	S	W	N	17·9
29	·252	·354	·272	·278	·289	67·7	73·3	71·5	65·4	69·4	75·7	65·1	10·6	96·7	21·0	60·9	4·2	N	NE	C	SE	95·5
30	·260	·312	·229	·282	·271	60·6	77·9	83·0	70·1	72·9	85·7	59·5	26·2	142·4	56·7	53·9	5·6	C	NW	NW	C	39·2
31	·303	·360	·284	·311	·315	63·6	78·2	83·9	64·8	72·6	87·4	61·0	26·4	139·4	52·0	53·9	7·1	N	NE	NW	C	55·4
Mean	29·158	29·225	29·143	29·178	29·176	65·4	81·4	87·5	70·2	76·1	91·0	63·3	27·7	143·1	52·1	55·6	7·7	...	...	...	...	45·2

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	59·8	70·8	69·8	64·8	66·3	57·7	0·414	0·448	0·290	0·466	0·405	0·380	60	28	15	53	39	60	...	0	0	0	0	*b.*	*b.*	*b.*
2	60·6	70·0	72·8	66·8	67·5	60·0	·419	·425	·309	·536	·422	·431	59	27	20	60	41	66	...	0	0	0	0	*b.*	*b.*	*b.*
3	61·6	70·6	72·8	65·8	67·7	59·8	·441	·419	·397	·491	·437	·407	61	26	19	53	40	60	...	0	0	0	0	*b.*	*b.*	*b.*
4	62·4	69·4	74·8	68·8	68·9	60·8	·454	·387	·517	·556	·478	·424	60	25	27	55	42	61	...	0	3	5	0	*b.*	Cs.	Cs.
5	68·4	73·4	73·8	66·3	70·5	67·4	·589	·599	·509	·450	·537	·600	65	43	29	44	45	74	...	0	2	1	0	*b.*	*b.*	K.
6	67·0	66·8	70·8	68·8	68·4	63·9	·559	·605	·664	·672	·625	·514	64	80	70	88	76	70	0·64	7	10	7	2	P. *c.*	Pc.	*b.*
7	66·8	72·3	70·9	66·8	69·2	66·1	·632	·708	·570	·599	·627	·616	90	72	47	78	72	92	...	5	6	3	0	P.	Fk.	*b.*
8	65·8	69·4	71·8	68·8	68·9	65·4	·611	·654	·619	·651	·634	·601	90	77	54	81	75	90	...	5	10	3	0	Fk.	P.	Cs.
9	67·3	67·8	72·8	68·8	69·2	66·3	·638	·546	·635	·630	·612	·602	87	58	51	74	68	92	...	2	2	0	0	C.	*b.*	*b.*
10	66·3	71·6	72·3	64·8	68·7	65·4	·621	·622	·568	·509	·580	·605	90	55	41	63	62	92	...	0	0	6	0	*b.*	*b.*	*b.*
11	63·6	68·8	65·8	62·6	65·2	62·1	·521	·502	·422	·475	·480	·506	74	44	39	66	56	79	...	0	3	0	10	*b.*	*b.*	P.
12	61·4	66·8	67·8	64·8	65·2	60·8	·471	·523	·464	·521	·495	·477	79	57	40	67	61	76	...	0	0	0	0	*b.*	*b.*	*b.*
13	60·8	69·3	66·3	63·8	65·1	59·3	·511	·533	·348	·473	·466	·490	89	48	26	58	55	91	...	0	0	3	0	*b.*	*b.*	*b.*
14	60·6	66·8	67·8	63·5	64·7	58·8	·456	·409	·342	·469	·419	·427	71	34	22	58	46	70	...	0	0	0	2	*b.*	*b.*	*b.*
15	62·5	68·4	64·8	66·8	65·6	60·8	·487	·487	·249	·504	·432	·464	70	42	16	52	45	71	...	1	4	4	6	C. P.	Cs.	Cs.
16	63·8	68·6	68·4	64·6	66·3	62·9	·471	·474	·405	·500	·463	·469	58	39	29	63	47	62	...	3	7	6	2	*b.*	C.	Cs.
17	61·8	66·8	67·8	62·4	64·7	60·6	·506	·506	·404	·439	·464	·482	81	52	31	56	55	81	...	2	5	1	0	*Cloudy.*	*b.*	*b.*
18	61·0	67·2	66·8	63·8	64·7	59·8	·447	·485	·428	·528	·472	·445	65	46	37	75	56	71	0·06	6	5	9	0	...	...	...
19	60·2	65·8	64·3	62·0	63·1	59·6	·478	·460	·323	·496	·439	·480	80	47	27	76	57	86	...	6	2	0	0	*b.*	*b.*	*b.*
20	57·8	63·6	63·1	62·1	61·6	55·7	·421	·436	·313	·487	·414	·416	75	50	27	72	56	88	...	0	0	0	0	—	*b.*	*b.*
21	53·4	62·8	62·8	56·8	58·9	52·8	·357	·386	·330	·400	·368	·364	76	42	32	72	55	81	...	0	0	0	0	*b.*	*b.*	*b.*
22	52·4	62·8	63·4	55·8	58·6	51·2	·342	·358	·396	·370	·366	·339	75	37	25	67	51	80	...	0	0	0	0	*b.*	*b.*	*b.*
23	52·3	60·8	62·8	52·8	57·2	51·3	·300	·310	·266	·271	·287	·319	70	32	22	47	40	72	...	0	0	0	0	*b.*	*b.*	*b.*
24	52·8	61·8	63·3	54·8	58·2	52·2	·344	·325	·280	·341	·323	·313	72	33	23	61	47	69	...	0	0	6	2	*b.*	C.	C.
25	51·8	62·6	62·5	55·2	58·0	50·4	·322	·338	·256	·339	·314	·305	69	34	21	59	46	77	...	4	3	6	2	∞	*Cloudy.*	∞
26	51·8	62·6	64·0	55·8	58·6	51·4	·270	·351	·300	·357	·319	·338	75	35	24	62	49	78	...	0	0	0	0	*b.*	*b.*	*b.*
27	52·8	64·3	65·3	58·8	60·3	51·3	·338	·401	·348	·393	·370	·326	70	41	29	60	50	74	...	0	6	8	10	Cs.	C.	C.
28	59·4	63·4	63·8	62·8	62·4	57·7	·390	·365	·323	·440	·380	·380	56	36	28	55	44	61	...	10	7	10	5	Pc.	Pc.	Pc.
29	59·8	62·6	65·8	59·3	61·9	58·8	·411	·426	·361	·425	·406	·414	60	53	73	68	63	66	...	10	10	1	0	C. Pc.	Pc.	*b.*
30	57·8	65·8	64·8	60·8	62·3	56·7	·443	·474	·370	·412	·425	·424	58	50	33	55	49	82	...	6	3	1	0	Fk. *c.*	Ck *c.*	*b.*
31	57·8	63·8	64·9	57·8	61·0	56·6	·403	·400	·363	·388	·389	·402	68	41	31	63	51	74	...	0	0	0	0	*b.*	*b.*	*b.*
Mean	60·1	66·7	67·4	62·5	64·2	58·8	0·454	0·463	0·399	0·470	0·446	0·444	71	44	32	63	53	76	0·70	1·97	2·87	2·45	1·61			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·291	29·327	29·234	29·247	29·274	65·1	78·5	84·8	64·6	73·2	87·3	62·0	25·3	140·2	52·9	51·9	10·1	NW	C	W	C	45·5
2	·223	·250	·177	·180	·207	62·6	80·0	86·0	60·6	72·3	88·6	59·0	29·6	140·4	51·8	48·9	10·1	W	NW	W	C	30·5
3	·167	·187	·088	·101	·136	59·6	84·0	87·5	69·7	75·2	90·6	56·9	33·7	141·3	50·7	47·9	9·0	C	W	W	W	16·0
4	·102	·159	·071	·091	·106	64·1	81·8	87·7	68·3	75·5	90·6	63·1	27·5	140·2	49·6	55·1	8·0	C	ESE	E	NE	40·0
5	·094	·151	·055	·075	·094	64·1	79·7	86·0	69·7	74·9	90·6	61·9	28·7	143·4	52·8	54·7	7·2	N	ENE	E	C	66·7
6	·116	·235	·183	·246	·195	60·6	76·4	84·8	69·3	72·8	87·7	64·1	23·6	141·4	53·7	56·9	7·2	N	ENE	C	N	83·9
7	·245	·338	·256	·275	·277	64·4	77·7	84·0	68·7	73·7	87·6	60·0	27·6	140·4	52·8	54·7	5·3	N	NW	NW	NW	98·9
8	·269	·321	·232	·261	·271	60·7	76·9	81·6	60·6	69·9	88·4	58·9	29·5	141·4	53·0	47·9	11·0	C	NE	NW	C	38·5
9	·269	·365	·299	·357	·323	62·1	79·5	84·0	66·6	73·0	86·6	56·4	30·2	140·4	53·8	47·7	8·7	NE	N	NW	C	32·2
10	·353	·409	·323	·331	·354	65·6	77·7	83·9	64·6	72·9	88·1	62·0	26·1	142·4	54·3	55·9	6·1	N	N	C	C	52·1
11	·287	·323	·234	·255	·275	58·1	75·9	81·0	63·6	69·6	86·6	56·7	29·9	141·4	54·8	47·9	8·8	C	W	W	C	30·7
12	·271	·292	·289	·275	·259	59·1	73·8	77·9	64·2	68·8	81·5	58·4	23·1	119·2	37·7	49·9	8·5	C	E	ENE	N	27·5
13	·231	·373	·311	·366	·332	63·2	74·8	84·0	68·7	72·7	86·6	61·2	25·4	134·4	47·8	55·9	5·3	NE	NE	C	N	89·8
14	·343	·380	·269	·287	·320	63·4	74·6	81·6	62·2	70·5	84·7	59·4	25·3	140·4	55·9	54·9	4·5	N	NW	W	C	98·8
15	·269	·293	·217	·249	·257	55·6	72·8	78·9	67·7	68·8	84·7	52·8	31·9	138·4	53·7	43·9	8·9	C	E	W	C	11·5
16	·241	·293	·193	·198	·231	63·6	75·9	78·9	68·9	71·8	82·7	62·5	20·2	131·4	48·7	56·9	5·6	E	E	C	NW	39·8
17	·173	·249	·163	·211	·199	63·6	75·9	84·4	68·5	73·1	88·6	61·8	26·8	137·5	48·9	56·7	5·1	NE	W	SW	N	56·4
18	·192	·331	·275	·303	·275	63·4	71·8	75·5	64·8	68·9	78·0	60·0	18·0	124·4	46·4	53·9	6·1	SE	SW	E	C	59·6
19	·290	·389	·313	·351	·336	65·6	78·9	80·6	67·7	73·2	85·7	62·0	23·7	138·6	52·9	53·9	8·1	E	C	WNW	N	44·7
20	·321	·377	·279	·331	·327	63·6	72·8	78·9	63·1	69·6	81·7	62·0	19·7	135·4	53·7	58·9	3·1	W	NW	NW	NW	96·7
21	·305	·352	·301	·313	·317	53·7	69·7	74·4	62·6	65·1	76·7	52·3	24·4	123·4	46·7	39·9	12·4	NW	W	W	NW	58·5
22	·317	·378	·277	·296	·317	57·4	69·5	76·9	60·6	66·1	80·3	52·2	28·1	136·4	56·1	43·3	8·9	WNW	W	C	C	38·3
23	·231	·354	·201	·245	·258	61·6	62·4	73·6	62·6	65·0	75·7	59·0	16·7	109·4	33·7	55·9	3·1	NE	NE	NE	NE	70·5
24	·242	·298	·212	·200	·238	62·4	62·6	67·7	62·6	63·8	71·7	60·5	11·2	106·4	34·7	59·4	1·1	SW	NE	NE	E	149·0
25	·160	·260	·193	·266	·220	61·1	67·7	67·7	60·6	64·3	70·5	60·0	10·5	119·4	48·9	57·5	2·5	E	E	E	E	154·1
26	·278	·352	·291	·275	·299	56·6	60·8	67·5	58·0	60·7	69·7	54·8	14·9	120·4	50·7	51·9	2·9	N	NW	N	NW	91·5
27	·243	·290	·205	·224	·241	53·7	63·8	67·7	52·7	59·5	70·2	51·9	18·3	127·4	57·2	43·9	8·0	C	W	W	C	48 5
28	·221	·288	·251	·296	·264	49·2	62·7	70·5	57·2	59·9	72·9	48·7	24·8	122·4	49·5	39·7	8·4	C	W	NW	C	14·2
29	·293	·340	·274	·285	·298	54·2	63·6	68·7	51·7	59·6	71·7	50·5	21·2	126·9	55·2	40·7	1·8	C	NW	NW	C	34·8
30	·284	·356	·264	·299	·301	45·7	60·6	67·7	50·7	56·2	70·9	44·1	26·8	126·6	55·7	32·9	11·2	C	NW	NW	C	26·3
Mean	29·244	29·310	29·229	29·256	29·260	60·1	72·8	78·5	63·4	68·7	81·9	57·8	24·1	132·4	50·5	50·7	7·2	...	...	...	...	58·2

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	56·3	63·6	64·8	57·8	60·6	55·2	0·338	0·390	0·347	0·390	0·366	0·341	54	40	29	63	46	61	...	0	4	0	0	C. *b.*	*b.*	*b.*
2	56·8	63·0	64·8	55·3	60·1	55·0	·336	·350	·331	·383	·363	·331	67	34	27	71	50	76	...	0	0	0	0	*b.*	*b.*	*b.*
3	54·6	65·9	66·8	59·8	61·8	53·0	·362	·405	·404	·384	·389	·352	71	34	30	53	47	75	...	0	0	8	0	*b.*	C. Pc.	*b.*
4	57·8	64·4	66·1	59·4	61·9	56·7	·397	·373	·353	·390	·378	·377	65	35	28	56	46	64	...	5	3	2	0	Cs. *b.*	C. c.	K. *b.*
5	56·8	64·8	65·8	60·6	62·0	54·9	·364	·415	·366	·409	·389	·339	63	41	30	57	48	61	...	0	0	0	0	*b.*	*b.*	*b.*
6	60·2	65·6	67·9	59·8	63·4	57·8	·518	·487	·457	·389	·463	·397	97	53	38	54	61	65	...	8	5	8	0	Pc. *cloudy.*	Fk. *c.*	*b.*
7	56·8	64·0	64·8	58·6	61·0	55·3	·363	·414	·358	·360	·373	·376	60	44	31	52	47	73	...	0	0	0	0	*b.*	*b.*	*b.*
8	55·6	62·8	57·8	56·3	58·1	54·5	·376	·386	·164	·398	·331	·369	71	42	15	74	51	73	...	0	1	8	0	*b.*	*bc.*	Pc. C.
9	54·8	62·8	63·8	56·9	59·6	52·6	·334	·349	·323	·335	·335	·347	59	35	28	52	44	75	...	0	2	3	0	*b.*	Cs. *b.*	*b.*
10	55·8	63·8	66·8	58·8	61·3	54·3	·333	·408	·429	·420	·398	·322	49	43	37	68	49	59	...	0	7	0	0	*b.*	P. *c.*	*b.*
11	53·8	63·8	64·8	57·8	60·0	53·0	·359	·432	·398	·403	·398	·355	73	49	38	68	57	75	...	0	3	5	0	*b.*	K. *c.*	*b.*
12	54·8	61·8	64·6	57·8	59·7	53·8	·374	·393	·432	·395	·398	·355	73	47	45	65	57	73	0·08	3	6	10	10	Pc. *c.*	C. c.	Pk. *c.*
13	59·8	65·8	67·8	61·6	63·8	58·3	·471	·515	·465	·456	·477	·450	80	60	40	65	61	82	...	4	1	0	5	P. C. *cloudy.*	C. *b.*	C.*cloudy.*
14	59·0	63·2	64·8	55·8	60·7	55·9	·443	·429	·390	·362	·406	·402	75	50	36	64	56	79	...	2	4	4	3	P. *c.*	P. C. *c.*	P. C. *c.*
15	52·3	63·6	64·8	60·8	60·4	50·8	·350	·466	·447	·442	·426	·346	78	58	43	65	61	86	...	1	7	10	8	Pc. *cloudy.*	Cs. *cloudy.*	P. C. *c.*
16	59·0	65·3	65·9	62·0	63·0	58·2	·440	·497	·464	·451	·463	·430	79	58	47	61	61	75	...	4	8	8	8	Pc. *c.*	Pc. *c.*	Cs. *c.*
17	58·6	63·8	67·2	61·4	62·8	57·0	·428	·432	·437	·451	·437	·403	73	49	37	65	56	72	...	3	6	7	0	C. *c.*	Fk. *c.*	*b.*
18	55·8	60·8	65·4	60·6	60·6	54·7	·347	·387	·493	·475	·426	·359	60	50	56	78	61	68	...	0	10	8	10	C. *c.*	Fk. *c.*	Fk. *c.*
19	60·6	66·8	65·8	61·8	63·8	58·8	·464	·496	·438	·475	·468	·455	73	51	42	70	59	83	...	10	3	10	8	Pc. C. *c.*	P. *c.*	P. *c.*
20	59·8	63·8	62·8	53·8	60·0	58·4	·465	·473	·357	·293	·397	·455	78	58	37	50	56	83	...	5	5	5	3	Pc. *c.*	Cs. *c.*	Cs. *b.*
21	49·8	58·6	57·8	54·8	55·3	48·6	·308	·347	·260	·328	·311	·295	74	48	31	57	52	76	...	3	5	10	3	Cs. *c.*	P. C. *c.*	Pc. *c.*
22	52·3	59·8	60·8	54·8	56·9	49·2	·326	·386	·319	·354	·346	·312	70	52	35	66	56	79	...	0	6	6	5	*b.*	P. C. *c.*	P. *c.*
23	54·8	59·8	62·8	60·8	59·5	52·4	·334	·469	·429	·511	·436	·308	61	86	51	89	72	62	0·14	10	10	9	10	P. *c.*	P. *c.*	P. *c.*
24	60·8	61·8	64·8	60·2	61·9	58·8	·483	·533	·577	·498	·523	·475	92	94	85	86	89	91	0·78	10	10	10	10	P. *c.*	P. *c.*	P. *c.*
25	59·6	63·8	64·8	58·8	61·8	56·7	·492	·542	·576	·474	·521	·418	91	79	85	88	86	79	0·32	10	9	8	3	Pk. *c.*	Pk. *c.*	Pc. *c.*
26	55·8	58·7	60·8	56·8	58·0	54·0	·436	·468	·445	·447	·449	·409	94	88	67	94	86	94	...	5	7	0	0	Cs. *c.*	P. C. *c.*	*b.*
27	52·8	57·8	60·8	51·8	55·8	50·8	·389	·401	·442	·374	·402	·358	94	68	65	93	80	93	...	1	8	1	0	*b.*	Pc. *c.*	*b.*
28	48·6	56·8	59·7	55·4	55·1	47·5	·336	·385	·370	·417	·377	·322	96	67	49	88	75	96	...	0	3	0	0	Pc. *b.*	*b.*	*b.*
29	52·0	56·8	57·8	50·4	54·2	48·7	·360	·319	·336	·350	·341	·321	87	63	51	90	73	86	...	0	0	0	0	*b.*	*b.*	*b.*
30	44·6	53·8	56·6	58·8	51·0	42·9	·281	·226	·313	·321	·285	·261	92	60	47	86	71	92	...	0	0	0	0	*b.*	*b.*	*b.*
Mean	55·7	62·2	63·7	57·7	59·8	53·9	0·389	0·319	0·397	0·404	0·402	0·373	75	55	43	70	60	77	1·32	2·80	4·43	4·67	2·87			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	4 hours	10 hours	16 hours	22 hours	Mean	4 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	4 hours	10 hours	16 hours	22 hours	Total miles
1	29·277	29·332	29·245	29·275	29·282	47·5	61·6	69·7	49·0	56·9	71·5	43·1	28·4	127·6	56·1	32·9	10·2	C	W	W	C	16·0
2	·266	·356	·280	·328	·307	43·7	63·4	68·4	51·2	56·7	73·7	42·7	31·0	126·2	52·5	33·9	8·9	C	NW	W	C	13·7
3	·340	·404	·322	·354	·355	48·7	63·6	68·5	56·1	59·2	71·6	45·1	26·5	127·6	56·0	35·9	9·2	C	C	NW	NW	17·1
4	·340	·393	·298	·300	·333	53·3	62·6	69·4	51·3	59·2	71·7	49·0	22·7	126·4	54·7	40·9	8·1	NW	W	NW	C	49·2
5	·298	·321	·248	·318	·296	51·5	62·5	68·7	52·2	58·7	71·7	45·9	25·8	129·2	57·5	35·9	10·0	C	C	C	C	23·4
6	·342	·430	·341	·358	·368	45·7	60·4	66·6	52·7	56·4	69·7	44·9	24·8	124·6	54·9	35·9	9·0	C	C	NW	C	14·6
7	·328	·360	·270	·281	·310	53·3	60·1	65·9	52·2	57·9	68·3	51·0	17·3	116·7	48·4	42·4	8·6	NW	C	C	C	21·2
8	·257	·292	·207	·171	·232	47·7	62·0	64·5	56·9	57·8	70·2	48·0	22·2	114·4	44·2	40·4	7·6	C	E	ESE	C	27·6
9	·114	·149	·070	·069	·100	57·6	59·1	54·0	52·1	55·7	63·5	54·5	9·0	76·4	12·9	51·4	3·1	E	E	W	NW	151·9
10	·054	·202	·314	·465	·259	49·7	52·8	50·0	45·7	49·5	58·6	48·1	10·5	117·2	58·6	41·4	6·7	E	ESE	NNW	E	74·3
11	·484	·513	·417	·400	·453	42·7	53·9	54·7	47·5	49·7	59·1	41·1	18·0	116·4	57·3	32·8	8·3	C	W	NW	NW	77·2
12	·332	·417	·352	·415	·379	44·7	51·7	58·3	43·7	49·6	61·0	42·6	18·4	116·2	55·2	35·9	6·7	NW	NW	WSW	C	65·2
13	·409	·483	·387	·397	·419	42·7	54·6	61·6	46·7	51·4	63·6	40·2	23·4	118·4	54·8	31·7	8·5	NW	W	NW	C	31·2
14	·355	·415	·350	·381	·375	45·2	56·6	61·6	50·4	53·5	64·7	40·7	24·0	125·4	60·7	31·4	9·3	C	C	C	C	22·1
15	·372	·423	·329	·313	·359	42·5	56·6	61·1	49·3	52·4	66·2	42·1	24·1	131·4	65·2	33·5	8·6	C	NW	NW	C	14·2
16	·317	·375	·311	·321	·331	44·7	58·1	64·7	49·3	54·2	68·6	41·1	27·5	121·4	52·8	33·4	7·7	N	NW	W	C	25·6
17	·287	·369	·297	·315	·317	47·5	54·7	58·2	55·5	54·0	59·7	46·1	13·6	75·4	15·7	37·1	9·0	C	C	NE	S	11·0
18	·225	·258	·247	·365	·274	54·2	56·6	57·1	53·7	55·4	61·7	51·8	9·9	107·4	45·7	50·7	1·1	E	E	NW	C	99·6
19	·392	·515	·414	·419	·435	46·7	55·6	61·6	50·7	53·6	63·7	45·6	18·1	117·4	53·7	38·9	6·7	C	NNW	W	C	51·2
20	·399	·437	·339	·361	·384	46·9	55·6	62·7	51·5	54·2	64·7	44·8	19·9	119·4	54·7	37·9	6·9	NW	NW	W	W	58·8
21	·311	·339	·269	·263	·295	45·7	55·6	58·8	52·7	53·2	60·9	44·7	16·2	118·4	57·5	37·9	6·8	SW	W	WSW	SW	129·4
22	·288	·355	·287	·313	·313	44·7	54·6	61·0	51·7	53 0	63·7	43·9	19·8	115·4	51·7	36·9	7·0	C	E	C	C	44·0
23	·321	·371	·253	·312	·314	51·7	59·6	66·4	61·6	59·8	70·7	50·0	20·7	125·4	54·7	43·9	6·1	E	E	C	N	46·0
24	·292	·389	·312	·336	·332	57·6	61·6	66·1	60·1	61·3	67·7	54·9	12·8	97·9	30·2	49·9	5·0	C	C	W	N	40·0
25	·334	·397	·323	·323	·344	55·6	62·6	65·8	58·5	60·5	69·7	52·5	17·2	117·4	47·7	49·9	2·6	NW	NW	NW	NW	67·0
26	·287	·343	·289	·281	·300	54·5	57·6	64·6	54·7	57·8	66·7	53·0	13·7	115·4	48·7	48·9	4·1	W	W	W	C	56·8
27	·239	·293	·181	·173	·221	53·7	61·1	64·2	59·6	59·6	66·7	51·8	14·9	96·9	30·2	47·9	8·9	C	NW	E	E	17·7
28	·035	·071	28·888	·048	·010	58·6	59·1	56·1	50·7	56·1	59·7	56·5	3·2	62·4	2·7	55·4	1·1	C	SE	W	W	113·5
29	·171	·218	29·149	·171	·177	43·7	53·2	55·2	44·7	49·2	59·8	42·1	17·7	128·4	68·6	35·9	6·2	E	C	NW	C	97·2
30	·167	·257	·201	·220	·211	41·2	48·7	52·7	46·5	47·3	53·6	40·1	13·5	77·4	23·8	31·9	8·2	C	C	C	WSW	17·0
31	·210	·280	·204	·213	·227	41·7	49·9	56·4	45·2	48·3	58·4	40·1	18·3	118·4	60·0	31·9	8·2	W	W	W	W	38·3
Mean	29·285	29·347	29·271	29·299	29·300	48·5	57·6	61·7	51·7	54·9	65·2	46·4	18·8	113·2	48·0	39·5	6·9	...	...	...	...	46·2

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	4 hours	10 hours	16 hours	22 hours	Mean	Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	4 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	4 hours	10 hours	16 hours	22 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	45·6	54·8	56·2	46·6	50·8	41·7	0·283	0·340	0·274	0·287	0·296	0·247	85	61	38	82	67	88	...	0	0	0	0	*b.*	*b.*	*b.*
2	42·7	55·6	57·5	49·8	51·4	41·7	·262	·340	·331	·341	·318	·252	92	58	47	90	72	92	...	0	0	0	2	*b.*	*b.*	Cs. *b.*
3	47·0	57·6	57·8	52·8	53·8	43·7	·301	·397	·338	·357	·348	·267	93	68	49	78	72	88	...	0	3	5	0	Pc. *cloudy.*	Pc. *cloudy.*	*b.*
4	50·5	54·8	57·0	48·8	52 9	47·7	·340	·328	·300	·313	·320	·315	83	57	42	83	66	89	...	0	0	4	0	*b.*	*b.*	Pc. *cloudy.*
5	48·6	54·8	55·6	49·3	52·1	44·7	305	·329	·270	·314	·304	·281	79	59	39	80	64	92	...	4	5	3	0	P. C.	P. C.	*b.*
6	43·8	54·4	55·8	49·8	51·0	43·3	·262	·345	·303	·321	·308	·257	84	66	46	80	69	88	...	3	6	0	2	Cs. C.	*b.*	Cs. *cloudy.*
7	50·3	54·9	56·8	50·1	53·0	48·8	·327	·364	·342	·335	·342	·317	80	71	54	86	73	86	...	9	10	8	4	Pc. C.	Pc. C.	Pc. C.
8	46·8	56·8	57·9	55·0	54·1	46·6	·309	·394	·394	·409	·376	·300	93	72	65	87	79	89	0.12	6	7	10	10	P. C. *c.*	Pc. *c.*	Pc. *c.*
9	55·2	56·3	52·9	49·8	53·5	52·3	·406	·418	·388	·329	·385	·365	84	82	94	83	86	87	0·49	7	10	10	10	P. *c.*	P. *c.*	P. *c.*
10	49·3	50·6	45·8	44·4	47·5	44·0	·347	·341	·280	·276	·311	·236	96	86	72	89	86	71	0·43	3	8	8	0	P. C. *c.*	P. C. *c.*	*b.*
11	41·7	48·4	49·7	46·6	46·6	40·4	·252	·269	·292	·239	·263	·243	92	65	68	45	67	95	...	1	2	10	6	C. *b.*	Cs. C.	Pc. *c.*
12	44·2	49·4	51·3	42·7	46·9	41·7	·278	·323	·287	·262	·288	·253	96	83	58	92	82	92	...	5	0	0	0	Cs. *c.*	*b.*	*b.*
13	42·5	51·3	54·7	45·6	48·5	39·7	·270	·336	·339	·293	·309	·239	98	78	61	93	82	95	...	0	0	5	0	*b.*	Pc. *c.*	*b.*
14	44·8	52·6	54·8	49·3	50·4	40·0	·292	·345	·331	·338	·336	·239	96	75	61	93	81	93	...	0	3	10	5	*b.*	P. C. *cloudy.*	P. C. *c.*
15	41·7	51·6	54·2	47·8	48·8	40·8	·255	·317	·317	·314	·301	·239	92	69	60	89	77	88	...	0	7	7	6	P. C. *c.*	C. *c.*	C. *c.*
16	43·7	53·0	55·6	48·3	50·2	40·3	·273	·337	·323	·327	·315	·241	92	70	54	93	77	92	...	0	0	6	7	*b.*	P. *c.*	P. *c.*
17	46·8	52·3	55·7	54·8	52·4	44·9	·313	·362	·419	·422	·379	·283	96	84	85	97	90	92	...	7	10	10	10	P. *c.*	P. C. *c.*	P. *c.*
18	53·8	55·6	54·8	52·8	54·2	50·8	·410	·429	·400	·389	·407	·359	96	94	85	94	92	93	0·83	10	7	10	10	P. *c.*	F. K. *c.*	P. K. *c.*
19	46·4	53·6	56·4	49·8	51·5	44·7	·313	·386	·388	·347	·358	·285	96	87	72	93	87	92	...	3	3	0	0	Cs. *b.*	P. C. *b.*	*b.*
20	46·4	50·8	55·6	48·8	50·4	44·2	·310	·308	·349	·310	·319	·283	96	69	62	83	77	96	...	6	3	0	0	Cs. *c.*	P. C. *c.*	*b.*
21	45·3	49·6	53·4	51·6	50·0	43·7	·298	·278	·338	·369	·321	·273	96	63	68	93	80	92	...	9	6	10	10	P. C. *c.*	P. C. *c.*	Pc. *c.*
22	43·7	51·8	56·6	50·6	50·7	43·0	·273	·350	·402	·355	·345	·266	92	80	74	93	85	92	...	4	0	8	8	P. C. *c.*	P. C. c.	P. C. c.
23	50·3	57·6	59·8	59·3	56·7	48·7	·347	·450	·427	·476	·425	·328	90	88	66	85	82	90	...	9	10	8	10	P. C. *c.*	P. C. *c.*	P. K. *c.*
24	56·6	59·6	62·7	58·8	59·4	54·3	·447	·486	·526	·481	·485	·416	94	89	81	91	89	96	...	7	10	8	3	P. C. *c.*	P. *c.*	P. C. *c.*
25	54·3	57·8	59·6	56·4	57·0	51·8	·406	·416	·436	·429	·422	·355	91	72	71	88	80	96	...	8	4	10	10	Cs. *c.*	Pc. *c.*	P. C. *c.*
26	52·8	54·8	58·7	53·8	55·0	51·3	·379	·394	·418	·404	·399	357	90	81	68	94	83	90	...	6	10	7	5	Cs. *c.*	P. C. *c.*	P. C. *c.*
27	52 8	56·8	59·3	56·8	56·5	50·8	·389	·407	·457	·426	·420	·359	94	74	76	82	82	93	...	10	9	10	10	P. *c.*	P. C. *c.*	P. C. *c.*
28	57·3	57·6	53·8	46·0	53·7	55·2	·454	·457	·385	·250	·386	·422	91	91	84	69	84	91	0·70	10	10	10	0	P. *c.*	P. *c.*	P. *c.*
29	42·2	48·8	48·8	43·7	45·9	40·8	·250	·288	·262	·273	·268	·232	88	68	59	92	77	88	...	0	6	2	0	*b.*	P. C. *c.*	*b.*
30	40·5	46·6	48·8	44·8	45·2	39·8	·244	·301	·295	·276	·279	·242	95	85	73	89	86	95	...	?	10	5	0	*b.*	P. C. *c.*	*b.*
31	40·7	47·4	49·7	44·0	45·4	39·8	·242	·296	·269	·273	·270	·224	92	82	60	92	81	92	...	0	0	3	0	*b.*	P. *b.*	*b.*
Mean	47 4	53·5	55·1	49·9	51·5	45·2	0·317	0·359	0·351	0·340	0·342	0·290	91	75	64	86	79	91	2·57	4·23	5·13	6·03	4·13			

Date	Barometer reduced to 32°		Temperature of air					Temperature of radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	29·122	28·973	68·6	77·9	79·3	46·9	32·4	136·9	57·6	33·5	13·4	N	NE	77·6
2	·108	·980	69·6	77·6	79·0	48·2	30·8	137·6	58·6	34·4	13·8	E	NE	77·4
3	·109	·967	67·6	77·4	78·6	46·1	32·5	136·7	58·1	33·6	12·2	N	SE	74·8
4	·081	·947	68·4	79·4	80·3	48·4	31·9	136·9	56·6	37·8	10·6	E	NW	64·7
5	·090	·972	69·6	80·8	82·0	48·2	33·8	139·2	57·2	35·2	13·0	NE	C	60·1
6	·128	·996	69·1	79·7	81·7	52·6	29·1	138·4	56·7	42·5	10·1	NE	C	80·1
7	·150	29·018	69·1	80·1	82·4	50·4	32·0	138·9	56·5	38·3	12·1	E	C	65·1
8	·135	28·997	71·6	81·1	82·9	53·0	29·9	140·1	57·2	38·8	14·2	C	E	68·7
9	·109	·956	70·8	81·9	82·7	50·7	32·0	138·4	55·7	38·8	11·9	E	SE	63·9
10	·050	·895	72·9	84·1	84·4	52·8	31·6	139·4	55·0	44·2	8·6	SE	S	82·0
11	28·998	·855	73·3	83·4	83·7	54·0	29·7	138·1	54·4	47·6	6·4	SW	S	119·2
12	·993	·886	74·6	76·6	83·2	63·7	19·5	144·1	60·9	54·8	8·9	SW	NW	193·7
13	29·078	·951	67·4	75·6	77·0	57·8	19·2	149·4	72·4	46·3	11·5	NE	N	124·8
14	·117	·977	64·6	75·9	76·2	49·1	27·1	135·1	58·9	35·2	13·9	E	C	91·4
15	·084	·931	61·6	77·6	79·1	52·3	26·8	142·9	63·8	43·7	8·6	E	SE	100·7
16	·087	·968	72·1	80·1	81·3	61·3	20·0	138·4	57·1	52·5	8·8	SE	SW	171·4
17	·132	·091	68·6	78·4	80·3	63·5	16·8	136·2	55·9	60·9	2·6	E	S	114·6
18	·175	29·015	69·6	80·6	80·6	58·3	22·3	135·7	55·1	56·4	1·9	S	SE	113·7
19	·155	·022	73·4	79·1	80·6	60·2	20·4	141·6	61·0	54·4	5·8	NE	C	79·0
20	·135	28·988	63·6	72·6	79·1	61·4	17·7	122·4	43·3	60·9	0·5	SE	NE	143·3
21	·085	·942	65·3	71·6	72·0	61·7	10·3	131·1	59·1	58·4	3·3	C	NE	47·3
22	·035	·940	66·9	65·8	72·2	58·3	13·9	129·7	57·5	54·9	3·4	SE	E	114·5
23	·116	29·007	62·8	69·6	70·2	57·4	12·8	135·6	65·4	56·8	0·6	NE	E	185·1
24	·119	28·993	68·1	74·9	76·1	58·5	17·6	133·4	57·3	54·6	3·9	E	E	76·3
25	·106	·945	71·3	79·6	80·6	59·9	20·7	135·7	55·1	54·4	5·5	E	N	51·6
26	·093	·966	62·3	73·0	80·9	61·5	19·4	138·1	57·2	56·7	4·8	C	NE	83·9
27	·079	·959	70·5	80·3	80·9	59·1	21·8	135·7	54·8	53·8	5·3	NE	NW	33·8
28	·074	·928	72·9	83·9	85·5	62·9	22·6	141·2	55·7	58·4	4·5	E	SW	49·3
29	28·999	·855	80·1	84·9	87·9	63·4	24·5	144·4	56·5	57·4	6·0	SW	C	78·0
30	·956	·829	76·6	88·0	88·7	67·3	22·4	149·4	60·7	60·9	6·4	SE	SW	106·5
31	29·000	·900	73·6	80·6	88·2	64·5	23·7	137·9	49·7	54·4	10·1	C	N	70·5
Mean	29·087	28·953	69·6	78·5	80·6	56·6	24·0	138·0	57·5	48·7	7·8	...	...	92·4

JANUARY 1877.

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	54·6	58·9	43·1	·242	·246	·230	35	26	71	...	0	0	*b.*	*b.*	
2	55·6	58·4	42·3	·257	·235	·193	36	25	56	...	0	0	*b.*	*b.*	
3	53·9	58·6	41·2	·236	·244	·195	35	26	62	...	0	0	*b.*	*b.*	
4	55·5	60·8	43·0	·271	·286	·207	38	29	60	...	0	0	*b.*	*b.*	
5	56·9	61·1	44·8	·296	·277	·253	41	27	74	...	0	0	*b.*	*b.*	
6	56·4	60·8	47·1	·288	·281	·252	40	28	63	...	0	0	*b.*	*b.*	
7	57·5	59·6	45·0	·321	·238	·229	45	24	62	...	4	2	S. *c.*	S. *b.*	
8	57·8	60·1	47·4	·297	·242	·255	38	23	63	...	2	2	S. *b.*	S. *b.*	
9	58·3	62·4	47·1	·322	·305	·277	43	28	75	...	0	0	*b.*	*b.*	
10	60·6	63·9	48·7	·367	·325	·291	45	28	73	...	0	2	*b.*	S. *b.*	
11	61·9	65·3	51·2	·408	·383	·342	49	33	81	...	0	6	*b.*	K. *c.*	
12	65·9	63·9	58·3	·522	·425	·417	61	47	70	...	9	9	K. *c.*	K. *c.*	
13	51·7	55·7	49·1	·177	·181	·235	27	21	49	...	6	0	S. *c.*	*b.*	
14	52·3	56·9	43·6	·231	·213	·212	37	24	61	...	5	10	S. *c.*	P. *p.*	
15	53·9	68·3	47·2	·315	·569	·259	57	59	66	0·04	10	9	P. *c. r.*	P. *d.*	
16	68·6	72·5	54·8	·653	·698	·345	83	68	63	...	9	7	K. *c.*	K. *c.*	
17	65·9	69·1	62·5	·602	·588	·554	86	60	95	...	10	9	P. *c.*	K. *c.*	*r.*
18	64·9	69·2	56·8	·554	·562	·444	76	53	91	0·74	5	6	K. *c.*	S. K. *c.*	
19	67·6	68·3	58·6	·600	·549	·473	72	54	91	...	7	9	K. *c.*	K. *c.*	
20	62·6	66·6	61·0	·556	·574	·532	95	72	97	1·03	10	8	P. *c. u.*	K. *c. r.*	
21	63·8	66·1	61·5	·573	·569	·544	92	73	99	...	9	6	P. *u.*	K. *c.*	
22	60·6	60·3	57·0	·447	·452	·450	67	71	92	0·45	8	9	K. *c.*	P. *u. r.*	*r.*
23	61·1	64·6	57·0	·517	·543	·461	91	75	97	1·00	10	9	P. *c.*	K. *c.*	
24	63·3	67·1	57·5	·519	·561	·461	75	64	94	...	5	9	K. *c.*	K. *c.*	
25	65·3	68·6	58·5	·551	·553	·473	71	55	91	...	6	2	K. *c.*	K. *b.*	
26	61·6	66·8	60·5	·540	·576	·515	96	71	94	0·90	10	9	P. *c. r.*	K. *c.*	
27	66·6	64·1	58·3	·601	·383	·494	80	37	98	...	6	3	S. K. *c.*	K. *b.*	
28	67·3	70·1	62·2	·595	·552	·552	74	47	96	...	7	9	K. *c.*	K. *c.*	
29	69·9	70·5	62·9	·595	·553	·568	58	45	97	...	0	7	*b.*	K. *c.*	
30	71·6	71·0	66·2	·708	·531	·630	77	40	95	0·07	4	7	K. *c. r.*	K. *c.*	
31	66·9	65·1	63·2	·571	·413	·564	69	40	93	...	9	9	K. *c.*	K. *c.*	
Mean	61·3	64·3	53·5	·448	·423	·384	61	44	80	4·23	4·87	5·10			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	28·988	28·839	68·3	78·1	82·2	57·8	24·4	135·9	53·7	50·5	7·3	N	NE	90·5
2	·949	·809	70·6	78·3	79·3	58·3	21·0	134·4	55·1	50·8	7·5	N	NE	130·4
3	·901	·717	69·8	84·6	85·4	54·1	31·3	142·1	56·7	44·4	9·7	SE	S	99·6
4	·839	·721	76·1	83·1	85·2	63·7	21·5	141·4	56·2	54·9	8·8	NW	N	120·1
5	·853	·740	69·6	77·6	84·5	58·0	26·5	134·9	50·4	48·3	9·7	SE	SE	112·2
6	·881	·742	71·6	76·1	84·7	59·2	25·5	135·4	50·7	51·8	7·4	SE	S	76·2
7	·837	·718	70·1	80·1	81·7	59·5	22·2	142·9	61·2	50·8	8·7	N	SW	70·7
8	·969	·848	70·6	77·9	80·3	59·7	20·6	142·6	62·3	51·8	7·9	N	NW	89·4
9	29·078	·937	65·9	73·9	77·9	51·3	26·6	134·2	56·3	40·6	10·7	NE	N	126·3
10	·066	·901	66·3	75·1	75·9	48·9	27·0	139·1	63·2	38·1	10·8	E	E	114·6
11	·020	·898	68·6	76·3	77·9	57·3	20·6	143·4	65·5	51·8	5·5	NE	NE	123·5
12	·037	·882	68·3	77·6	78·1	53·7	24·4	135·4	57·3	40·8	12·9	N	N	128·5
13	·058	·923	70·1	76·9	78·4	51·6	26·8	135·1	56·7	39·5	12·1	N	E	126·9
14	·112	29·002	71·3	77·6	78·9	53·3	25·6	141·4	62·5	42·2	11·1	E	E	132·0
15	·150	·020	71·9	80·3	80·9	55·8	25·1	137·1	56·2	42·2	13·6	NE	NE	114·9
16	·139	28·978	72·3	82·1	83·4	56·4	27·0	138·1	54·7	46·3	10·1	N	NE	67·1
17	·112	·981	74·6	83·3	84·5	56·6	27·9	140·2	55·7	45·9	10·7	NE	SE	89·4
18	·122	·986	75·6	83·9	85·2	58·6	26·6	150·2	65·0	50·2	8·4	SE	N	101·6
19	·125	·968	76·8	85·3	87·4	60·0	27·4	141·9	54·5	51·0	9·0	S	N	89·6
20	·106	·942	79·1	85·4	88·5	65·0	23·5	151·7	63·2	58·7	6·3	SE	S	105·1
21	·025	·873	82·6	90·0	90·5	67·8	22·7	147·9	57·4	61·5	6·3	SE	S	156·8
22	·024	·895	79·6	90·8	91·4	63·9	27·5	145·9	54·5	53·4	10·5	C	NW	101·1
23	·031	·900	79·3	89·0	91·0	61·7	29·3	146·9	55·9	53·3	8·4	N	NW	78·3
24	·072	·914	78·6	87·5	89·5	63·2	26·3	145·2	55·7	53·4	9·8	E	SE	101·1
25	·086	·931	80·3	86·6	90·0	63·5	26·5	145·1	55·1	53·2	10·3	SE	C	97·2
26	·067	·953	74·1	85·1	88·0	65·2	22·8	151·1	63·1	62·2	3·0	C	C	221·4
27	·060	·926	79·1	88·0	88·7	64·9	23·8	147·1	58·4	57·7	7·2	C	C	104·0
28	·046	·944	78·6	84·6	86·0	63·7	22·3	140·9	54·9	55·9	7·8	C	W	69·9
Mean	29·027	28·889	73·6	82·0	84·1	59·0	25·1	141·7	57·6	50·0	9·0	...	...	107·5

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	56·9	63·3	54·0	·314	·386	·369	45	39	76	...	1	1	S. *b.*	K. *b.*	
2	56·3	62·1	52·2	·266	·343	·312	35	35	64	...	4	5	K. *c.*	S. K. *c.*	
3	59·6	66·3	50·2	·375	·403	·313	52	33	74	...	8	9	Ck. *c.*	Ck. *c.*	
4	66·3	66·1	60·6	·517	·415	·489	56	36	84	...	5	3	K. *c.*	K. *c.*	
5	57·9	62·1	53·2	·326	·352	·344	45	37	70	...	0	8	*b.*	K. *c.*	
6	60·6	61·6	55·1	·383	·356	·381	50	40	76	...	4	9	K. *c.*	P. *u.*	
7	62·9	66·1	57·0	·479	·455	·433	65	44	85	0·06	9	9	K. *c.*	S. K. *c.*	*r.*
8	62·1	59·6	59·3	·446	·268	·500	59	28	97	0·05	1	1	K. *b.*	K. *b.*	
9	55·9	56·3	49·2	·316	·222	·323	49	26	86	...	0	0	*b.*	*b.*	
10	52·8	56·9	44·9	·222	·223	·247	34	26	71	...	0	5	*b.*	K. *c.*	
11	55·9	58·6	52·9	·280	·258	·344	40	28	72	...	8	6	K. *c.*	K. *c.*	
12	54·3	58·1	47·8	·237	·226	·256	34	24	61	...	1	0	S. *b.*	*b.*	
13	53·2	56·1	46·2	·183	·175	·242	24	19	63	...	1	1	K. *b.*	K. *b.*	
14	54·9	57·3	48·0	·215	·202	·266	28	21	65	...	2	3	Sk. *b.*	K. *c.*	
15	56·3	61·8	48·2	·248	·306	·238	32	30	53	...	4	7	K. *c.*	K. c.	
16	55·6	64·6	49·9	·221	·376	·275	29	34	60	...	1	6	S. *b.*	K. *c.*	
17	57·4	62·3	50·9	·245	·283	·299	28	25	65	...	0	2	*b.*	K. *b.*	
18	58·3	65·1	51·2	·259	·370	·280	28	31	56	...	7	8	K. *c.*	K. *c.*	
19	61·9	67·3	53·9	·356	·429	·337	38	35	65	...	5	7	K. *c.*	K. *c.*	
20	66·9	70·3	59·3	·497	·525	·430	50	44	69	...	7	8	K. *c.*	K. *c.*	
21	70·8	71·5	65·5	·597	·524	·599	53	37	87	...	5	4	S. K. *c.*	K. *c.*	
22	69·9	71·8	62·0	·602	·525	·532	59	36	89	...	4	2	S. K. *c.*	K. *b.*	
23	66·9	67·1	57·8	·495	·371	·428	49	27	77	...	0	5	*b.*	K. *c.*	
24	64·6	69·6	56·5	·422	·484	·369	43	37	63	...	4	7	K. *c.*	K. *c.*	
25	65·3	70·3	58·1	·424	·523	·414	41	40	70	...	1	7	K. *b.*	Pk. *g.*	*r.*
26	68·9	70·8	62·5	·638	·563	·531	75	46	86	0·55	9	5	Pk. *g.*	K. *c.*	
27	69·3	69·6	61·6	·586	·477	·505	58	36	82	...	1	8	K. *b.*	Ck. *c.*	
28	66·6	69·1	62·2	·493	·504	·541	51	42	92	...	8	9	Pk. *g.*	C. S. K. *d.*	
Mean	61·0	64·3	54·7	·380	·377	·378	45	33	74	0·66	3·57	5·18			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	22 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	29·079	28·939	74·6	86·3	88·2	66·5	21·7	143·4	55·2	58·2	8·3	N	C	83·5
2	·013	·892	82·6	89·3	92·7	66·7	26·0	150·9	58·2	58·7	8·0	NE	NW	64·3
3	·067	·899	80·6	90·2	91·4	63·5	27·9	148·7	57·3	50·5	13·0	SE	SW	79·3
4	28·975	·814	81·9	90·5	91·5	63·9	27·6	151·4	59·9	56·1	7·8	NE	W	73·6
5	·921	·765	79·6	91·5	92·4	59·7	32·7	146·7	54·3	45·9	13·8	C	W	80·0
6	·920	·794	82·3	93·3	94·7	60·2	34·5	148·7	54·0	48·1	12·1	C	W	69·7
7	·998	·866	81·9	92·2	93·7	61·9	31·8	150·9	57·2	50·5	11·4	W	N	64·1
8	·970	·816	88·2	95·5	96·2	64·5	31·7	150·9	54·7	54·7	9·8	S	C	78·1
9	·933	·794	90·2	97·0	98·0	66·5	31·5	151·4	53·4	53·9	12·6	C	NW	75·4
10	·939	·778	86·6	98·0	98·7	68·6	30·1	152·1	53·4	55·4	13·2	C	NW	75·1
11	·907	·742	86·6	97·0	98·7	68·1	30·6	153·4	54·7	57·4	10·7	SE	NE	283·6
12	·928	·788	85·6	92·5	97·7	68·4	29·3	152·4	54·7	59·9	8·5	S	SW	
13	·995	·848	81·6	92·3	94·2	66·5	27·7	152·9	58·7	58·4	8·1	SE	S	168·6
14	·987	·815	81·3	92·2	93·4	64·7	28·7	150·4	57·0	56·9	7·8	SE	SE	161·8
15	·986	·853	70·9	81·3	92·4	65·2	27·2	131·7	39·3	61·8	3·4	C	S	162·5
16	·984	·834	74·1	84·6	85·2	65·5	19·7	147·4	62·2	58·2	7·3	SW	S	81·2
17	·969	·810	78·9	91·2	92·0	61·7	30·3	151·7	59·7	51·5	10·2	C	C	77·6
18	·959	·818	84·3	93·2	94·7	59·5	35·2	150·1	55·4	46·6	12·9	E	N	78·4
19	·934	·781	85·1	95·5	96·7	60·7	36·0	152·4	55·7	48·9	11·8	S	SE	76·7
20	·900	·742	89·8	98·2	99·4	67·8	31·6	153·4	54·0	55·2	12·6	C	W	96·7
21	·896	·733	89·5	98·8	99·4	65·2	34·2	151·9	52·5	53·9	11·3	N	W	81·8
22	·857	·730	89·5	98·5	99·7	70·8	28·9	..	..	57·7	13·1	NE	W	78·2
23	·892	·765	89·0	98·0	100·7	66·2	34·5	141·7	41·0	53·7	12·5	NE	C	97·5
24	·927	·751	86·3	97·5	100·0	75·0	25·0	138·9	38·9	67·8	7·2	S	S	121·0
25	·879	·691	91·5	101·1	102·0	71·9	30·1	144·4	42·4	64·3	7·6	S	SW	176·2
26	·863	·723	86·6	97·5	101·2	72·1	29·1	150·4	49·2	62·3	9·8	C	W	170·9
27	·847	·692	91·5	96·2	101·7	72·1	29·6	152·1	50·4	62·8	9·3	S	SE	118·6
28	·903	·805	88·5	84·1	92·2	71·1	21·1	147·7	55·5	63·5	7·6	C	NW	160·0
29	·880	·732	83·3	91·5	96·2	68·6	27·6	150·4	54·2	62·0	6·6	SW	SW	160·4
30	·856	·703	88·5	95·0	97·2	65·5	31·7	151·0	53·9	55·9	9·6	W	W	150·8
31	·889	·743	86·1	94·8	96·4	68·1	28·3	149·9	53·5	57·1	11·0	SW	W	152·9
Mean.	28·937	28·789	84·4	93·4	95·8	66·3	29·4	149·0	53·4	56·4	10·0			109·5

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud ad Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	69·1	69·9	63·0	·638	·512	·530	74	40	81	0·83	5	8	K. *c.*	K. *c.*	*r.*
2	63·6	68·6	64·1	·335	·422	·565	30	31	87	...	4	9	Sk. *c.*	K. *c.*	
3	62·3	64·9	57·6	·319	·279	·398	30	19	68	...	8	9	Ck. *c.*	Ck. *c.*	
4	63·6	63·6	57·6	·345	·229	·393	32	16	66	...	7	3	C. S. *c.*	K. *c.*	
5	64·3	64·9	53·2	·399	·261	·321	38	18	62	...	0	0	*b.*	*b.*	
6	64·9	65·1	53·9	·384	·243	·235	35	16	63	...	0	4	*b.*	K. *c.*	
7	69·6	65·6	53·9	·560	·276	·312	50	19	56	...	0	4	*b.*	K. *c.*	
8	67·6	67·9	57·1	·400	·314	·369	32	19	60	...	0	2	*b.*	K. *b.*	
9	68·3	69·6	58·3	·399	·356	·379	28	20	58	...	0	4	*b.*	K. *c.*	
10	67·6	69·9	58·3	·421	·354	·352	33	20	49	...	0	3	*b.*	K. *c.*	
11	69·4	69·6	59·3	·488	·356	·389	39	21	56	...	0	6	*b.*	K. *c.*	
12	67·8	69·1	63·2	·444	·397	·511	36	26	73	...	4	7	K. *c.*	K. *c.*	
13	68·6	70·5	64·2	·525	·454	·571	49	29	87	0·07	3	5	K. *c*	K. *c.*	*r.*
14	67·3	68·9	59·3	·482	·395	·434	45	26	70	...	5	9	C. S. *c.*	K. S. *c.*	
15	66·9	69·6	63·2	·608	·567	·554	80	53	89	...	9	9	K. *c.*	K. *c.*	*r.*
16	68·1	67·6	64·2	·608	·438	·585	72	37	93	0·15	9	6	K. *c.*	K. *c.*	
17	67·1	65·9	58·6	·507	·300	·453	51	20	83	...	1	2	K, *b.*	K. *b.*	
18	62·6	64·1	52·9	·279	·211	·316	24	13	62	...	0	0	—	*b.*	
19	65·1	69·4	53·2	·353	·369	·307	29	22	57	...	0	6	*b.*	K. *c.*	
20	68·9	69·3	58·3	·427	·328	·362	30	18	53	...	0	4	*b.*	K. *c.*	
21	66·1	70·1	55·1	·329	·351	·302	23	19	49	...	0	5	*b.*	K. *c.*	
22	64·9	68·9	60·3	·288	·311	·384	21	17	51	...	0	5	*b.*	S. *c.*	
23	64·6	71·2	55·6	·283	·405	·303	20	22	48	...	0	3	*b.*	K. *c.*	*ir. d.*
24	69·6	70·3	63·5	·500	·376	·611	40	21	70	...	9	7	K. *o. d. ir.*	P. *g.*	
25	70·1	69·6	65·2	·449	·301	·533	30	15	68	...	2	5	K. *b.*	K. *c.*	
26	70·3	71·5	63·2	·523	·423	·462	40	24	58	...	1	6	K. *b.*	S. *c.*	
27	73·5	71·3	63·5	·584	·452	·473	40	26	60	...	1	9	K. *t. ir.*	K. *d.* /	
28	71·2	65·1	66·2	·533	·367	·530	39	31	76	...	7	9	K.	P. /	/
29	65·1	67·1	62·2	·377	·338	·475	33	23	67	...	9	7	K. *c.*	K. *c*	
30	66·6	65·9	58·6	·360	·249	·402	27	15	64	...	3	7	K. *c.*	K. *c.*	
31	67·6	66·6	58·3	·428	·275	·359	35	17	51	...	0	4	∞	K. *c.*	
Mean.	67·2	68·1	59·7	0·438	·352	·430	38	23	66	0·25	2·81	5·71			

NAGPUR—APRIL 1877.

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	28·947	28·806	85·6	91·5	95·2	65·2	30·0	151·2	56·0	52·0	13·2	SE	C	106·8
2	29·000	·836	87·5	94·5	95·7	68·6	27·1	154·4	58·7	60·1	8·5	SW	SW	118·7
3	28·969	·788	87·4	95·5	96·7	68·6	28·1	155·1	58·4	60·4	8·2	S	S	114·6
4	·979	·788	82·1	95·0	96·4	65·7	30·7	153·9	57·5	60·4	5·3	SW	W	212·2
5	·930	·737	86·3	84·6	95·7	67·4	28·3	155·4	59·7	61·8	5·6	SW	W	160·5
6	·886	·702	82·3	94·2	96·7	65·2	31·5	152·9	56·2	56·4	8·8	W	S	160·8
7	·820	·679	91·5	97·8	99·7	70·1	29·6	153·7	54·0	57·9	12·2	NW	W	152·4
8	·825	·668	90·0	97·2	98·7	71·1	27·6	153·4	54·7	57·7	13·4	S	C	84·8
9	·821	·659	90·5	90·5	101·0	70·6	30·4	155·4	54·4	58·2	12·4	SW	E	110·0
10	·852	·712	88·5	97·5	99·5	71·8	27·7	156·4	56·9	64·8	7·0	SW	E	108·7
11	·920	·747	87·5	96·8	99·7	73·1	26·6	154·9	55·2	67·2	5·9	SW	SW	525·1
12	·894	·698	91·5	99·4	102·7	71·6	31·1	153·9	51·2	65·5	6·1	W	W	237·3
13	·861	·729	92·5	98·5	101·7	75·0	26·7	155·7	54·0	67·3	7·7	S	S	125·1
14	·920	·779	90·0	96·5	98·2	75·5	22·7	155·1	56·9	67·0	8·5	SE	SW	182·0
15	·945	·783	88·3	95·8	97·0	70·6	26·4	148·9	51·9	66·3	4·3	SE	S	145·0
16	·960	·793	82·3	93·8	96·7	67·4	29·3	147·9	51·2	64·8	2·6	C	C	134·2
17	·923	·774	87·8	98·5	99·2	68·6	30·6	152·4	53·2	65·2	3·4	W	W	106·7
18	·930	·775	87·8	97·5	99·2	74·4	24·8	150·7	51·5	66·2	8·2	W	S	170·9
19	·922	·773	91·8	100·4	101·4	72·9	28·5	153·7	52·3	64·8	8·1	C	W	158·8
20	·889	·750	92·8	101·4	103·0	70·1	32·9	155·1	52·1	58·4	11·7	NE	W	80·4
21	·849	·699	95·8	100·7	104·0	69·6	34·4	...	...	54·4	15·2	NW	W	80·8
22	·802	·660	90·2	99·4	101·7	73·1	28·6	...	...	59·4	13·7	C	S	55·7
23	·763	·644	97·2	99·4	102·2	74·1	28·1	...	...	61·5	12·6	C	W	95·2
24	·858	·733	89·0	86·3	99·7	75·0	24·7	...	...	64·9	10·1	W	W	134·1
25	·816	·657	87·8	99·0	100·7	71·1	29·6	...	...	61·5	9·6	C	NW	110·4
26	·793	·638	89·5	97·5	100·4	70·8	29·6	...	...	63·5	7·3	C	NE	119·6
27	·811	·648	88·8	99·4	100·4	72·4	28·0	...	...	67·0	5·4	C	S	190·0
28	·823	·655	91·5	98·5	101·4	72·6	28·8	...	...	64·5	8·1	SE	SE	175·0
29	·835	·688	86·6	92·2	98·2	64·5	33·7	...	...	63·5	1·0	SE	S	168·5
30	·843	·683	87·5	97·5	98·5	66·5	32·0	...	...	63·8	2·7	SW	SW	211·1
Mean	28·880	28·723	88·8	96·2	99·4	70·4	28·9	153·5	54·8	62·2	8·2	...	...	151·2

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	72·2	70·1	52·7	·604	·446	·232	49	30	37	...	5	7	K. *c.*	K. *c.*	☾
2	72·5	71·5	62·0	·597	·463	·470	45	28	67	...	2	6	K. *b.*	K. *c.*	☾
3	73·0	73·3	62·2	·618	·524	·470	47	31	67	...	1	8	K. *b.*	K. *c.*	☾ ☂
4	71·5	74·5	63·2	·632	·578	·548	58	35	87	...	1	8	K. *b.*	K. *c.*	☾ *d. g.*
5	71·2	73·5	65·2	·563	·679	·592	45	57	89	...	1	9	K. *b.*	P. *t.* ☾	*d.* ☰ ☂
6	71·2	70·8	63·4	·612	·439	·561	56	27	89	...	0	8	*b.*	K. *c.*	☾
7	67·3	67·6	65·2	·347	·272	·552	23	15	75	...	0	0	☰ *b.*	*b.* ☂	
8	68·1	67·6	59·8	·391	·279	·367	28	15	48	...	0	8	*b.*	K. *c.*	☾
9	74·5	71·5	60·3	·639	·517	·389	37	36	52	...	0	8	*b.*	K. *c.*	☾
10	75·5	70·5	65·7	·708	·384	·553	52	21	71	...	0	7	*b.*	K. *c.*	☾
11	74·5	73·3	67·7	·680	·503	·603	52	29	74	...	4	8	K. *c.*	K. ☄ *c.*	☾
12	75·8	72·8	66·2	·673	·427	·571	45	24	73	...	1	9	K. *b.*	K. *c.*	☾
13	72·5	73·0	67·9	·530	·469	·592	34	25	68	...	9	9	S. K. *c.*	S. K. *c. t.*	☰ ☂ *lr.*
14	73·2	73·0	67·2	·587	·496	·553	41	29	64	...	5	9	C. K. *c.*	S. K *c.*	☾ *t. r.*
15	73·8	74·5	66·2	·605	·569	·580	62	34	78	0·54	2	5	K. ☂	K. *t. l.*	
16	74·5	75·2	65·9	·750	·620	·621	67	39	92	0·53	1	4	S.	K. *lr. t.*	
17	73·0	73·5	65·5	·615	·490	·589	46	26	85	...	3	4	C. ☁	S. K. *c.*	*lr.*
18	72·0	70·5	66·7	·573	·384	·550	43	21	63	...	2	4	S. ☁	K. *c.*	*lr. t.*
19	72·3	71·2	65·2	·531	·375	·518	35	19	63	...	0	5	*b.*	K. *c.*	
20	67·9	68·6	60·8	·351	·257	·412	23	12	56	...	0	4	*b.*	K. *c.*	
21	68·6	68·9	58·3	·336	·280	·332	21	14	47	...	1	9	S. *b.*	S. K. *c.*	
22	68·6	67·6	61·3	·409	·249	·387	29	13	46	...	9	9	S. K. *c.*	S. K. *c.*	
23	72·2	71·0	62·0	·449	·377	·397	26	20	47	...	5	9	C. *lr. t.*	K. *d.*	
24	71·2	69·9	66·5	·522	·513	·538	38	40	61	...	5	9	K. *lr.*	P. *t. d.*	
25	71·8	71·8	65·5	·565	·417	·556	43	23	73	...	4	8	K. *lr.*	K. *t. d.*	
26	73·2	70·8	66·2	·594	·379	·580	44	21	78	...	4	9	K. *lr.*	K. *t. d.*	
27	72·8	74·0	67·5	·591	·497	·607	44	26	76	0·04	2	7	K. *lr. t.*	K. *d.*	
28	72·2	72·5	67·2	·527	·449	·589	36	24	74	0·97	1	8	C. S. ●	P. ☾	*t.* ◬
29	72·8	73·5	63·9	·620	·574	·591	49	38	97	0·08	1	5	Cs. *lr.*	K. *t.*	*r.*
30	73·2	69·8	64·5	·626	·358	·581	48	21	89	...	0	4	*b. lr.*	K. *t.*	
Mean	72·1	71·5	64·1	·562	·442	·516	42	26	70	2·16	2·30	6·90			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	28·846	28·682	77·9	92·0	97·2	67·1	30·1	...	...	65·8	1·3	SE	SE	173·6
2	·787	·623	91·0	90·0	100·7	72·1	28·6	...	...	65·0	7·1	S	S	106·8
3	·815	·675	84·3	96·2	101·4	70·8	30·6	...	...	67·0	3·8	SE	C	200·0
4	·800	·693	93·0	87·8	101·4	76·3	25·1	...	...	64·5	11·8	SE	C	131·2
5	·803	·641	91·5	101·9	103·2	71·8	31·4	...	...	61·5	10·3	E	W	105·1
6	·762	·627	90·5	95·5	102·0	70·4	31·6	...	...	60·4	10·0	W	N	129·6
7	·742	·611	92·2	99·0	100·7	73·1	27·6	...	...	63·5	9·6	C	W	94·7
8	·807	·675	89·5	101·4	103·2	73·1	30·1	...	...	52·4	19·7	NE	W	135·7
9	·848	·717	94·5	101·3	103·2	73·6	29·6	...	...	53·4	20·2	E	N	100·4
10	·777	·639	96·5	103·4	105·4	73·8	31·6	...	...	60·9	12·9	C	SE	73·3
11	·749	·610	98·5	105·1	105·7	82·0	23·7	...	...	72·0	10·0	C	E	89·1
12	·749	·609	99·7	104·4	106·2	81·3	24·9	...	...	72·8	8·5	NE	SE	119·4
13	·761	·633	98·5	105·4	107·5	79·7	27·8	...	...	71·5	8·2	N	E	114·8
14	·750	·636	101·1	106·4	108·6	79·7	28·9	...	...	66·5	13·2	S	SE	76·9
15	·636	·611	101·4	104·4	107·2	81·5	25·7	...	...	73·9	7·6	SE	S	83·1
16	·770	·619	95·7	103·1	106·7	81·0	25·7	...	...	74·9	6·1	W	E	130·0
17	·765	·618	92·5	98·5	103·7	80·5	23·2	...	...	72·0	8·5	S	NE	83·2
18	·704	·570	89·0	93·5	99·0	78·5	20·5	...	...	73·9	4·6	E	NE	138·8
19	652	·504	85·3	93·5	95·5	79·3	16·2	...	...	73·6	5·7	E	NE	265·5
20	·645	·560	80·6	94·5	95·4	75·5	19·9	...	...	72·5	3·0	N	E	214·4
21	·748	·615	91·2	100·2	106·7	73·6	33·1	...	...	67·5	6·1	C	SW	100·3
22	·807	·701	91·5	89·5	106·4	76·7	29·7	...	...	72·5	4·2	W	NW	218·9
23	·751	·613	97·8	107·2	111·8	73·1	38·7	...	...	63·0	10·1	N	NW	134·9
24	·755	·632	103·4	106·9	110·7	77·0	33·7	...	...	64·5	12·5	NW	W	151·5
25	·744	·615	104·4	106·7	109·0	80·0	29·0	...	...	68·5	11·5	NW	W	246·8
26	·694	·570	101·4	105·4	109·2	81·3	27·9	...	...	73·0	8·3	NW	W	249·1
27	·714	·587	100·7	104·4	107·2	78·8	28·4	...	...	67·0	11·8	NW	W	208·1
28	·736	·624	101·4	102·9	108·2	80·3	27·9	...	...	68·5	11·8	N	NNW	151·1
29	·760	·659	97·4	105·9	108·0	83·5	24·5	...	...	75·6	7·9	NW	N	125·9
30	·758	·634	99·4	106·4	108·2	86·5	21·7	...	...	77·1	9·4	N	NE	178·2
31	·771	·672	103·4	100·4	111·4	88·5	22·9	...	...	79·1	9·4	NW	SW	215·0
Mean	28·755	28·628	94·7	100·4	104·9	77·4	27·4	...	...	68·2	9·2	...	...	146·6

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	71·3	74·5	66·2	0·701	0·619	·631	74	41	95	0·55	1	2	Cs. *lr. t.*	Cs.	
2	75·0	72·2	66·5	·653	·548	·578	45	38	73	...	1	9	Cs. *lr. t.*	P.	
3	72·0	73·2	67·4	·623	·503	·624	53	29	83	0·17	1	4	Cs. *lr.*	K. *t.*	
4	74·5	73·3	66·9	·605	·645	·536	39	49	59	...	1	9	Cs. *lr.*	P. *t. d.*	
5	72·2	72·5	65·7	·527	·402	·553	36	19	71	...	0	5	*b.*	K. *c. lr.*	
6	69·1	68·6	62·9	·421	·338	·477	29	21	64	...	2	9	K *b.*	P. *g.*	
7	69·1	67·9	63·9	·401	·270	·477	27	14	58	...	3	9	C. *b.*	Pk. *c.*	
8	69·1	69·6	62·2	·435	·292	·414	31	14	51	...	0	8	*b.* ⌒	K. *c.*	
9	71·2	70·3	61·3	·448	·325	·381	28	16	46	...	0	8	*b.* ⌒	K. *c.*	
10	72·8	71·8	62·2	·487	·357	·412	29	17	49	...	0	9	*b.*	K. *c.*	
11	72·8	73·5	67·2	·460	·402	·462	25	18	42	...	0	8	*b.*	K. *c.*	
12	72·8	74·2	72·4	·443	·436	·673	23	20	62	...	2	7	C. *b.*	P. K. *u.*	
13	72·2	73·2	68·9	·436	·382	·565	24	17	55	0·07	0	7	*b.*	K. *c. lr.*	
14	73·8	74·5	63·2	·468	·423	·361	24	18	35	...	2	8	C. *b.*	K. *c.*	
15	73·5	74·2	65·2	·436	·436	·405	22	20	38	...	5	0	C. *c.*	*b.*	
16	72·8	74·2	69·2	·496	·450	·556	29	21	52	...	7	4	K. *c.*	K. *c.*	
17	73·0	74·2	69·2	·550	·514	563	36	29	55	...	7	9	Cs. *c.*	K. *c.*	
18	76·5	77·2	72·4	·745	·710	·716	54	46	74	...	7	9	K. *c.*	K. *c.*	
19	77·5	80·5	74·6	·843	·849	·791	68	55	79	...	9	9	K. *c.*	Cs. *c.*	
20	76·2	75·1	75·1	·838	·880	·863	80	55	98	0·30	9	8	Pk. ⌒	C. K. *c.*	
21	80·2	72·1	72·1	·876	·649	·766	60	34	93	...	2	9	Cs. ⌒	K. *c.*	
22	74·8	71·6	71·6	·638	·441	·706	44	32	77	...	9	5	K. *c.*	P. K. *u.*	
23	79·5	68·2	68·2	·760	·633	·619	43	26	76	...	0	4	*b.*	K. *c.*	
24	73·5	65·2	65·2	·422	·409	·458	19	17	49	...	0	9	*b.*	Pk. ⌒	
25	72·5	64·2	64·2	·368	·282	·390	16	12	37	...	1	2	C. *b.*	K. *b.*	
26	76·8	73·4	73·4	·598	·500	·715	30	22	67	...	0	4	*b.*	C. *c.*	
27	79·5	66·2	66·2	·723	·670	·477	37	30	48	...	0	5	*b.*	C. *c.*	
28	81·2	65·2	65·2	·794	·534	·418	40	25	41	...	2	9	K. *b.*	Pk. *g.*	
29	78·5	69·7	69·7	·719	·581	·539	40	25	46	...	8	8	K. *c.*	C. K. *c.*	
30	73·2	71·4	71·4	·463	·423	·568	25	18	45	...	9	9	K. *c.*	K. *c.*	
31	74·5	72·1	72·1	·464	·483	·564	21	24	42	...	1	9	K. *b.*	Pk. *g.*	
Mean	74·3	74·2	67·8	·576	·496	·555	37	27	60	1·09	2·87	6·93			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	28·718	28·584	102·7	106·4	110·4	83·3	27·1	...	...	78·6	4·7	NW	W	212·4
2	·683	·553	97·0	103·4	108·7	76·0	32·7	...	...	68·5	7·5	NW	W	155·2
3	·689	·552	101·4	107·9	109·0	77·2	31·8	...	...	68·5	8·7	NW	W	161·4
4	·708	·552	99·4	104·4	109·0	80·0	29·0	...	...	72·6	7·4	N	NW	160·7
5	·710	·586	94·5	95·5	106·7	82·0	24·7	...	...	72·5	9·5	N	NE	146·0
6	·684	·536	96·5	88·5	106·4	81·0	25·4	...	...	76·3	4·7	SW	N	125·2
7	·722	·563	91·5	100·4	103·7	80·0	23·7	...	...	78·1	1·9	W	SW	230·0
8	·748	·565	79·6	94·0	102·7	76·0	26·7	...	...	73·6	2·4	S	SW	232·3
9	·723	·570	85·6	87·5	102·2	...	...	...	...	...	...	S	S	142·4
10	·681	·568	94·5	96·5	107·4	79·5	27·9	...	...	71·0	8·5	W	N	172·3
11	·667	·520	97·0	104·7	107·5	76·7	30·8	...	...	72·8	3·9	NW	SE	179·9
12	·682	·534	94·8	106·4	107·7	74·1	33·6	...	...	74·1	0·0	W	N	122·4
13	·719	·593	98·0	100·0	107·0	85·0	22·0	...	...	77·1	7·9	S	S	177·5
14	·768	·633	93·2	104·7	106·4	78·3	28·1	...	...	70·5	7·8	SW	E	110·5
15	·757	·637	101·4	103·4	111·0	79·0	32·0	...	...	69·2	9·8	W	W	127·3
16	·690	·556	103·4	107·4	113·0	80·5	32·5	...	...	...	...	W	NW	191·9
17	·656	·564	100·1	92·5	112·7	86·3	26·4	...	...	83·1	3·2	NW	NE	269·6
18	·682	·593	84·8	99·0	100·0	75·5	24·5	...	...	72·2	3·3	NW	SW	259·3
19	·683	·557	94·5	90·0	103·4	78·5	24·9	...	...	74·6	3·9	N	C	215·0
20	·661	·526	86·6	90·5	96·7	76·5	20·2	...	...	72·5	4·0	SW	W	183·9
21	·562	·438	88·5	97·5	99·7	77·0	22·7	...	...	71·2	5·8	C	E	139·0
22	·576	·459	85·9	98·0	98·7	75·0	23·7	...	...	74·6	0·4	W	W	134·6
23	·608	·496	84·6	90·0	98·4	70·8	27·6	...	...	69·8	1·0	W	W	230·8
24	·568	·426	89·8	98·5	100·2	76·0	24·2	...	...	72·5	3·5	SW	SW	139·8
25	·549	·399	84·6	96·5	98·7	74·6	24·1	...	...	72·7	1·9	SW	NW	188·2
26	·555	·448	85·1	95·2	98·7	74·7	24·0	...	...	74·1	0·6	W	W	252·9
27	·583	·539	83·1	80·1	98 0	75 3	22·7	...	...	74·6	0·7	NW	W	176·5
28	·603	·583	73·9	75·6	75·9	73·1	2·8	...	...	71·8	1·3	W	W	206·6
29	·660	·607	77·4	81·9	82·4	72·6	9·8	...	...	70·5	2·1	W	W	266·6
30	·680	·570	83·9	92·8	93·7	74·1	19·6	...	...	71·5	2·6	W	W	183·4
Mean	28·666	28·544	91·1	96·3	102·5	77·5	25·0	...	...	73·2	4·3	...	...	183·1

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	72·8	73·2	69·2	0·404	0·368	0·522	19	16	46	...	1	8	K. *b.*	K. *c.*	K. *c.*
2	74·2	73·0	64·2	·534	·402	·444	30	19	49	...	0	7	*b.*	Pk. *g.*	Pk. *g.*
3	75·2	73·8	66·9	·518	·379	·526	26	16	54	...	0	8	*b.*	Pk. *g.*	P. K. *u.*
4	73·8	74·8	69·5	·491	·467	·581	26	21	57	...	2	6	C. *b.*	K. *c.*	C. K. *c.*
5	76·8	75·5	72·1	·689	·614	·652	43	36	60	0·05	2	9	C. *b.*	K. *c.*	Pk. ⌒ *lr.*
6	77·5	74·8	71·1	·672	·680	·626	40	48	59	...	1	9	K. *b.*	Pk. *g.*	K. *c.* ⚡ *d. t. lr*
7	76·2	76·5	73·1	·693	·589	·719	45	30	70	...	5	9	Cs. *c.*	K. *c.*	K. *c. lr. d.* ∈ ⚡
8	76·5	79·0	73·9	·873	·789	·814	87	49	91	0·79	10	8	Pc. *t.*	Pk. *lr.*	P. *g. r.*
9	76·0	74·0	70·1	·771	·659	...	63	50	...	0·04	5	8	Cs. *c.*	P. ⚡	Pk. *d. r.*
10	73·8	73·2	71·1	·771	·503	·646	48	29	64	...	0	9	*b.*	P. *g.*	Pk. *d. t. lr.*
11	76·8	76·5	71·1	·653	·535	·686	38	24	75	0·30	2	8	K. *b.*	Pk. ⚡	P. *t. lr. g. r.*
12	76·2	76·8	72·1	·649	·525	·759	40	23	90	0·04	4	7	C. *lr.*	K. *c.*	K. *c. r.*
12	78·0	73·8	72·1	·689	·702	·611	38	37	51	...	4	7	C.	Pk. *c. g.*	P. *t. lr. g.*
14	76·0	75·7	68·7	·669	·499	·614	43	23	63	...	0	2	*b.*	K. *b.*	⚡ *b.*
15	75·8	71·5	71·6	·549	·342	·672	27	16	68	...	0	7	*b.*	Pk. *q. d.*	K. *c.*
16	75·8	76·2	68·2	·522	·480	·527	24	20	51	...	5	9	K. *c.*	Pk. ⚡	Pk. *u.*
17	77·8	74·5	71·8	·656	·612	·591	34	40	47	...	0	10	*b.*	P. *d.*	Pk. *t. lr.*
18	74·5	75·5	71·6	·717	·566	·719	60	30	81	0·42	9	7	P. K. *g.*	Pc. *c.*	P. C. *c. r.*
19	78·2	79·5	72·4	·741	·866	·716	46	61	74	0·23	5	9	K. *c.*	P. K. *lr. t.*	P. K. *r.*
20	77·2	76·0	72·9	·807	·703	·766	63	49	84	0·11	5	9	K. *c.*	P. ⌒ *d.*	K. P. *g. r.*
21	77·8	78·0	73·1	·803	·696	·759	60	39	82	...	5	9	K *c.*	P. K. *g.*	P. K. *lr. t. g.*
22	78·5	79·5	74·1	·875	·758	·828	70	42	95	0·65	5	9	C. *c.*	P. *g.*	K. *lr. t. r.*
22	79·5	80·5	70·1	·941	·914	·725	79	65	96	1·45	7	9	C. *c.*	P. K. *g.*	P. *lr. g. r.*
24	78·0	78·3	73·3	·802	·698	·784	56	38	87	...	2	8	K. *b.*	P. K. *g.*	P. K. *g. d.*
25	78·0	78·8	72·4	·872	·746	·759	74	44	90	0·61	8	5	Cs. *lr. t.*	K. *c.*	Cs. *c. r.*
26	76·5	77·5	72·4	·799	·704	·756	66	43	89	...	10	9	P. K. *g.*	K. *c.*	P. K. *lr. t. d.*
27	76·5	75·8	74·1	·826	·836	·828	73	81	95	0·44	10	10	P. *r. o.*	P. *o.*	P. *o.*
28	72·2	74·8	71·6	·769	·850	·753	92	95	93	4·05	10	10	P. *o.* ●	P. *o.* ●	P. *o.* ●
29	74·5	74·8	70·4	·815	·769	·708	86	71	90	0·70	10	9	P. *r. o.*	P. *o.*	P. K. *g.*
30	76·8	78·2	72·6	·828	·764	·779	72	50	93	...	8	7	P. K. *g.*	P. K. *g.*	P. K. *g.*
Mean	76·4	76·2	71·3	·713	·634	·685	52	40	74	9·88	4·50	8·03			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max.	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	28·670	28·544	87·8	91·5	93·7	76·5	17·2	...	...	72·8	3·7	W	W	195·5
2	·654	·594	87·5	77·6	94·7	76·5	18·2	...	...	74·3	2·2	W	NW	244·7
3	·640	·531	88·2	95·5	97·7	77·0	20·7	...	...	73·6	3·4	NW	NW	201·4
4	·661	·559	89·5	98·0	99·2	77·0	22·2	...	...	72·5	4·5	W	N	187·2
5	·689	·610	88·5	90·5	95·7	76·7	19·0	...	...	70·5	6·2	W	NW	179·5
6	·709	·629	89·8	88·0	97·0	78·6	18·4	...	...	73·2	5·4	NW	SSW	170·5
7	·708	·640	92·5	82·6	96·4	75·3	21·1	...	...	69·2	6·1	NW	N	156·9
8	·721	·615	88·0	94·5	96·7	75·8	20·9	...	...	70·5	5·3	NW	NW	151·4
9	·720	·629	91·8	79·6	97·4	75·5	21·9	161·0	63·6	69·8	5·7	NW	C	151·1
10	·685	·564	90·0	92·0	96·9	73·5	23·4	156·4	59·5	70·3	3·2	NW	NW	116·7
11	·696	·634	85·6	78·6	91·4	79·0	12·4	146·1	54·7	73·9	5·1	NW	W	155·2
12	·642	·532	81·9	82·6	86·0	72·8	15·2	115·1	29·1	72·8	0·0	NW	NW	135·8
13	·596	·487	77·1	82·3	83·7	72·1	11·6	132·1	48·4	70·8	1·3	NW	W	194·1
14	·552	·486	74·9	77·4	78·9	72·1	6·8	122·1	43·2	71·5	0·6	W	W	288·2
15	·643	·624	77·6	75·6	83·7	72·1	11·6	134·1	50·4	71·5	0·6	SW	SW	342·2
16	·704	·600	82·6	89·7	91·2	72·1	19·1	162·8	71·6	69·5	2·6	SW	S	168·0
17	·698	·603	84·3	84·6	91·2	76·7	14·5	151·6	60·4	73·6	3·1	W	W	226·1
18	·677	·592	80·6	83·6	84·4	76·0	8·4	128·6	44·2	74·1	1·9	SW	W	272·4
19	·702	·639	84·3	85·6	86·2	73·9	12·3	144·1	57·9	71·7	2·2	NW	W	212·2
20	·738	·644	85·8	91·8	92·9	74·9	18·0	154·9	62·0	70·5	4·4	NW	NW	109·8
21	·747	·662	89·2	92·5	93·7	76·0	17·7	157·1	63·4	70·5	5·5	NW	NW	113·0
22	·735	·627	87·5	91·2	92·0	75·0	17·0	152·1	60·1	68·0	7·0	NW	W	136·8
23	·705	·615	85·6	86·1	92·7	75·0	17·7	160·6	67·9	67·8	7·2	W	SW	179·9
24	·722	·642	88·8	83·9	93·7	74·4	19·3	162·1	68·4	68·5	5·9	NW	C	162·8
25	·776	·692	79·1	76·9	88·0	77·3	10·7	144·6	56·6	70·5	6·8	C	W	152·8
26	·737	·580	80·1	90·0	90·4	69·6	20·8	148·4	58·0	69·2	0·4	W	W	223·3
27	·664	·548	79·1	87·3	88·7	73·6	15·1	148·6	59·9	72·8	0·8	W	W	199·4
28	·630	·551	81·9	88·0	89·2	72·1	17·1	139·1	49·9	71·5	0·6	W	W	200·6
29	·652	·580	85·4	78·6	91·0	73·1	17·9	153·1	62·1	72·5	0·6	W	C	172·9
30	·712	·591	83·6	89·5	90·2	71·8	18·4	153·4	63·2	71·0	0·8	W	SW	188·7
31	·686	·572	83·6	87·1	90·2	74·1	16·1	153·1	62·9	72·5	1·6	W	W	163·6
Mean	28·686	28·594	84·9	86·2	91·4	74·7	16·7	147·0	57·3	71·3	3·4	...	...	185·6

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	77·2	76·5	73·1	·792	·711	·770	60	48	84	...	10	9	Pk. *g.*	Pk. *g.*	Pk. *g. lr,*
2	75·2	76·2	73·1	·710	·886	·770	54	93	84	0·09	8	10	K. *c. r.*	Pk. *g.*	C. *t. lr.*
3	76·2	77·5	72·9	·743	·701	·755	56	22	82	...	9	9	K. *c.*	Pk. *g.*	P. C. *c.*
4	75·5	74·5	72·1	·695	·538	·723	50	29	77	...	4	8	K. *c.*	K. *c.*	Pk. *c.*
5	78·8	77·0	71·4	·855	·746	·699	64	52	75	...	8	7	Ck. *c.*	Pk. *c.*	Cs. *c.*
6	76·0	76·7	73·2	·713	·768	·745	50	57	76	...	5	10	C. *c.*	Pk. *g.*	Pk. *g. d.*
7	77·5	76·5	72·1	·741	·832	·746	48	75	85	1·90	2	8	K. *c.*	P. *u. r.*	Pk. *c.*
8	78·2	75·0	71·8	·834	·606	·727	62	37	82	...	5	9	C. *c.*	K. *c.*	Cs. *c.*
9	77·5	75·2	70·1	·751	·816	·664	49	80	75	0·62	4	9	Cs. *c.*	P. *u. r.*	Pk. *g.*
10	78·0	77·8	71·9	·798	·762	·763	56	51	93	0·30	4	9	K. *c.*	Pk. *g.*	P. *u. r.*
11	76·5	74·5	72·4	·791	·800	·708	65	82	72	1·03	9	10	K. *c.*	P. *u. r.*	Pk. *u.*
12	75·5	78·0	72·1	·797	·898	·780	73	81	97	...	10	9	Pk. *g.*	Pk. *g.*	Pk. *d. t. lr.*
13	74·5	77·0	71·8	·820	·858	·778	88	77	98	0·85	10	9	Pk. *g.*	Pk. *g.*	Pk. *u. r.*
14	74·2	74·5	71·4	·837	·816	·761	97	86	97	0·88	10	10	P. *g. r.*	Pk. *g. r.*	Pk. *u.*
15	74·3	74·3	71·1	·805	·832	·749	84	93	95	0·59	10	10	Pk. *g. r.*	P. *u.*	K. *c.*
16	75·5	79·0	71·4	·788	·847	·761	71	61	97	...	7	7	K. *c.*	K. *c.*	K. *t. lr.*
17	76·0	77·2	73·6	·787	·835	·788	66	70	86	...	9	9	Pk. *g.*	K. *c.*	Pk. *u. d.*
18	74·5	78·5	72·8	·773	·908	·765	74	79	85	0·20	10	9	Pk. *g.*	Pk. *g. r.*	Pk. *g.*
19	76·5	76·0	72·4	·809	·770	·777	68	63	93	...	8	10	Pk. *g.*	K. *c.*	Pk. *g.*
20	76·5	76·8	72·9	·789	·720	·783	63	48	90	...	8	7	K. *c.*	K. *c.*	K. *c.*
21	77·5	77·0	73·1	·786	·719	·777	57	47	86	...	8	9	K. —	K. *c.*	Pk. *g.*
22	75·5	74·5	72·1	·722	·629	·750	56	43	86	...	5	3	K. —	K. *c.*	K. *c.*
23	75·2	76·2	70·3	·735	·771	·679	59	61	78	...	9	8	K. —	Ck. *c.*	K. *c.*
24	76·2	72·5	71·6	·735	·645	·738	54	56	86	...	9	9	K. —	Pk. *g.*	P. *g. d.*
25	76·8	75·8	70·6	·892	·879	·659	89	95	71	0·49	10	10	Pk. *o. d. r.*	P. *o. t. r.*	Pk. *g.*
26	76·5	80·8	69·2	·866	·927	·709	85	66	97	2·00	7	9	Ck. *c.*	Pk. *g.*	Pk. *g. r.*
27	75·2	79·5	72·4	·823	·903	·780	82	69	94	0·89	10	9	Pk. *g.*	K. *t. lr. r.*	P. *o.*
28	77·2	79·5	71·8	·871	·893	·778	80	68	93	1·41	10	9	Pk. *g. o.*	Pk. *g.*	Pk. *g. r.*
29	77·5	77·5	72·6	·837	·930	·796	68	95	93	1·43	7	8	Ck. *c. r.*	Pk. *g. r.*	Pk. *g.*
30	77·0	77·8	71·4	·840	·796	·765	73	57	93	2·14	9	7	K. *c.*	K. *c.*	P. *u. d. t. lr.*
31	77·0	78·2	73·1	·840	·845	·803	73	65	95	0·04	9	9	K. *c.*	K. *c.*	Pk. *g. d.*
Mean	76·3	76·7	72·0	0·793	0·793	0·750	67	65	87	14·86	8·65	8·24			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	28·676	28·536	84·6	90·8	91·7	76·3	15·4	153·6	61·9	74·4	1·9	NW	NW	204·2
2	·644	·554	79·9	83·6	91·0	73·8	17·2	116·8	25·8	71·0	2·8	NW	C	129·8
3	·610	·528	81·6	81·9	84·7	69·1	15·6	135·4	50·7	68·8	0·3	W	C	123·5
4	·647	·581	81·6	77·6	84·4	74·4	10·0	124·8	40·4	72·0	2·4	W	W	137·9
5	·684	·586	79·1	77·4	83·7	73·1	10·6	129·9	46·2	72·0	1·1	NW	NW	187·0
6	·656	·579	76·6	75·3	78·3	72·4	5·9	109·4	31·1	71·7	0·7	W	WNW	172·1
7	·659	·612	75·6	74·6	78·9	71·8	7·1	119·4	40·5	71·0	0·8	W	NW	134·3
8	·684	·611	72·6	77·9	78·3	72·1	6·2	112·1	33·8	71·8	0·3	W	W	136·9
9	·708	·661	79·6	82·6	83·5	72·1	11·4	122·1	38·6	71·8	0·3	NW	W	140·2
10	·718	·620	80·1	86·6	87·2	74·6	12·6	155·8	68·6	72·2	2·4	NW	NW	130·5
11	·655	·569	81·9	80·8	86·7	75·7	11·0	138·6	51·9	72·8	2·9	WNW	NW	141·5
12	·627	·556	81·6	86·9	87·2	76·0	11·2	124·1	36·9	71·8	4·2	WNW	NW	163·7
13	·641	·560	85·6	89·5	92·0	76·0	16·0	150·1	58·1	71·0	5·0	NW	NW	136·3
14	·663	·594	85·3	92·5	92·9	74·3	18·6	155·1	62·2	69·0	5·3	NW	WNW	135·5
15	·671	·582	84·3	92 5	93·2	74·6	18·6	153·1	59·9	70·5	4·1	NW	WNW	118·0
16	·656	·556	86·3	93·8	94·7	75·3	19·4	152·6	57·9	69·2	6·1	W	W	107·3
17	·674	·578	86·3	92·0	94·0	75·5	18·5	151·4	57·4	69·0	6·5	NW	W	129·4
18	·734	·608	85·6	92·8	93·4	74·4	19·0	153·6	60·2	67·0	7·4	W	SW	132·8
19	·728	·633	85·3	93·5	94·2	74·6	19·6	150·1	55·9	67·7	6·9	W	NW	140·1
20	·720	·624	86·8	91·5	93·0	74·1	18·9	154·4	61·4	67·5	6·6	NW	NW	134·0
21	·770	·662	87·6	93·5	95·0	75·3	19·7	156·8	61·8	66·5	8·8	NW	NW	169·8
22	·803	·658	85·6	94·0	96·7	78·8	17·9	161·8	65·1	70·0	8·8	N	N	176·8
23	·739	·616	90·8	91·5	95·4	79·0	16·4	160·1	64·7	71·5	7·5	NW	NW	154·4
24	·707	·616	74·6	75·1	86·4	72·4	14·0	95·8	9·4	71·3	1·1	NW	W	222·9
25	·753	·674	75·9	76·3	79·3	72·4	6·9	140·1	60·8	70·5	1·9	W	SW	234·2
26	·788	·690	73·6	77·9	78·9	69·9	9·0	115·1	36·2	68·5	1·4	W	W	200·6
27	·782	·677	76·6	81·3	84·0	70·1	13·9	153·1	69·1	68·0	2·1	W	W	155·0
28	·739	·641	81·6	78·1	87·0	71·6	15·4	161·1	74·1	66·7	4·9	N	C	103·5
29	·700	·552	83·1	90·0	91·0	72·1	18·9	156·1	65·1	67·5	4·6	N	C	79·7
30	·692	·564	85·3	88·8	91·7	74·4	17·3	157·6	65·9	71·0	3·4	N	W	96·8
31	·659	·527	81·9	83·3	89·7	72·6	17·1	160·4	70·7	71·0	1·6	NW	C	89·5
Mean	28·696	28·600	81·8	85·3	88·3	73·8	14·5	141·3	53·0	70·2	3·7	...	...	145·7

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	77·5	77·5	74·4	0·849	0·765	0·827	72	53	91	...	8	9	K. *c.*	Pk. *g.*	Pk. *g. r.*
2	76·2	78·2	71·1	·856	·893	·728	84	77	87	0·39	10	10	P. *o. d.*	P. *o. d. r.*	P. *o. r.*
3	76·5	75·8	68·5	·845	·811	·600	79	75	97	0·16	10	9	Pk. *g.*	Pk. *g.*	Pk. *d. r.*
4	75·5	74·5	71·8	·803	·814	·747	75	86	88	0·05	10	10	Pk. *g.*	P. *o. d.*	Pk. *g. r.*
5	79·0	77·3	72·1	·992	·937	·776	100	100	95	1·36	10	10	P. *o. d.*	P. *o. d.*	Pk. *g. r.*
6	76·5	75·2	72·1	·913	·875	·785	100	100	99	1·77	10	10	P. *o.*	P. *o. r.*	Pk. *o. d.*
7	75·5	74·5	71·1	·884	·854	·754	100	100	97	1·46	10	10	Pk. *g. d.*	P. *o.*	P. *o. d. r.*
8	72·0	75·0	71·8	·779	·830	·777	97	86	99	2·20	10	9	P. *o.*	Pk. *g.*	Pk. *g. r.*
9	74·5	76·8	71·4	·787	·845	·762	78	76	97	...	10	10	Pk. *g.*	Pk. *g.*	Pk. *g.*
10	74·3	77·2	72·4	·771	·808	·768	75	63	89	...	9	5	Pk. *g. d.*	K. *c.*	C. K *c.*
11	74·0	75·5	72·6	·734	·813	·761	67	77	86	0·03	10	9	Pk. *g.*	Pk. *r. g. d.*	Pk. *g.*
12	75·0	78·0	71·4	·781	·839	·709	73	65	79	...	10	10	Pk. *g.*	Pk. *g.*	Pk. *g.*
13	76·0	79·3	71·1	·770	·865	·697	63	62	77	...	4	9	K. *c.*	K. *c.*	K. *c.*
14	75·5	78·2	71·3	·752	·773	·728	62	50	86	...	4	4	C. ⌒	Ck. *c.*	C. K. *c.*
15	75·8	77·5	72·8	·778	·741	·784	66	49	91	...	8	8	C. K. ⌒	C. K. *c.*	C. K. *c.*
16	76·5	78·2	71·9	·782	·755	·737	62	48	84	...	3	8	C. ⌒	K. *c.*	K. *c.*
17	75·5	77·2	72·8	·739	·735	·773	59	48	87	...	5	8	C. K. ⌒	K. *c.*	K. *c.*
18	74·8	76·2	70·4	·718	·681	·691	58	44	81	...	9	9	K. ⌒	K. *c.*	K. *c.*
19	74·2	78·0	69·2	·698	·750	·642	58	48	74	...	2	3	K. ⌒	K. *c.*	K. *c.*
20	74·0	74·5	69·4	·668	·626	·657	52	43	78	...	0	3	*b.* ⌒	K. *c.*	C K. *c.*
21	75·5	76·0	70·1	·721	·662	·668	56	42	76	...	3	7	C. K. ⌒	K. *c.*	K. *c.*
22	74·2	76·2	70·1	·693	·664	·622	56	41	62	...	8	8	Fk. *d.* ⌒	Pk. *d. g.*	K. *c.*
23	76·0	76·2	71·9	·699	·698	·688	48	47	70	...	4	9	C. *c.*	Pk. *g.*	Pk. *t. lr. d. r.*
24	73·0	73·8	72·1	·792	·818	·785	92	94	99	2·94	10	10	P. *o. r.*	P. *o.*	P. *o.*
25	74·0	73·5	69·4	·815	·790	·680	91	87	85	0·37	10	10	P. *o. r.*	Pk. *o.*	C. K. *c.*
26	71·5	73·8	69·2	·745	·780	·706	90	82	96	...	10	10	Pk. *g.*	Pk. *g.*	Pk. *g.*
27	73·2	76·0	69·2	·773	·827	·703	84	77	95	...	10	10	Pk. *g.*	Pk. *g.*	Pk. *lr. d.*
28	76·2	74·0	70·3	·832	·786	·725	77	82	94	...	9	10	K. *c.*	Pk. *d. g. t. lr.*	Pk. *d. g.*
29	76·5	77·5	71·4	·825	·776	·761	73	55	97	...	7	8	C. K. ⌒	K. *c.*	Pk. *d. t. lr. r.*
30	79·5	80·5	73·1	·930	·930	·799	77	68	94	1·35	5	6	K. *lr. t.*	Pk. *lr. t.*	Pk. *lr. t. r.*
31	77·5	78·5	71·1	·885	·912	·743	81	80	93	0·68	9	9	Pk. *g.*	Pk. *lr. g.*	Pk. *lr. t.*
Mean	75·4	76·5	71·2	0·794	0·795	0·731	74	68	88	12·76	7·65	8·39			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	28·648	28·577	78·6	77·6	85·4	73·2	12·2	138·1	52·7	71·0	2·2	SW	C	95·9
2	·729	·598	80·6	87·5	89·0	73·9	15·1	156·6	67·6	70·5	3·4	SW	SW	63·5
3	·776	·658	81·6	85·9	89·4	71·6	17·8	154·4	65·0	71·0	0·6	C	SW	77·0
4	·753	·649	84·3	89·2	91·4	75·3	16·1	158·8	67·4	70·0	5·3	C	W	34·4
5	·711	·595	87·5	91·2	93 2	75·4	17·8	157·6	64·4	69·5	5·9	C	C	47·9
6	·713	·569	86·3	86·6	91·2	76·4	14·8	153·4	62·2	70·0	6·4	SW	N	65·4
7	·734	·707	82·3	75·1	86·0	72·6	13·4	146·6	60·6	70·5	2 1	W	W	125·1
8	·710	·638	84·1	80·6	85·7	72·4	13·3	143·4	57·7	71·2	1·2	W	SW	104·5
9	·768	·658	79·6	84·3	84·4	73·1	11·3	120·8	36·4	71·8	1·3	NW	NW	188·0
10	·777	·659	84·6	86·3	88·7	74·8	13·9	158·1	69·4	71·0	3·8	W	W	109·8
11	·753	·641	83·3	83·8	89·7	74·4	15·3	155·1	65·4	71·2	3·2	W	S	122·0
12	·815	·743	82·6	87·6	88·4	72·4	16·0	151·1	62·7	67·5	4·9	NW	W	136·0
13	·791	·728	83·9	88·5	90·2	70·1	20·1	154·1	63·9	63·5	6·6	NW	NW	59·1
14	·871	·749	83·9	90·2	91·7	71·6	20·1	153·8	62·1	64·8	6·8	W	W	86·9
15	·868	·746	85·1	90·5	91·7	71·1	20·6	154·1	62·4	65·2	5·9	N	C	69·8
16	·899	·769	84·9	90·0	92·7	71·4	21·3	151·8	59·1	64·0	7·4	NW	C	66·2
17	·874	·769	86·6	92·2	93·7	73·1	20·6	152·1	58·4	66·2	6·9	N	N	92·4
18	·880	·771	87·5	92·0	94·7	73 1	21·6	155·4	60·7	64·5	8·6	C	C	47·6
19	·891	·782	88·5	93·7	94·7	73·8	20·9	152·4	57·7	66·5	7·3	N	C	62·7
20	·901	·748	89·5	94·5	96·0	74·1	21·9	155·6	59·6	64·8	9 3	C	C	61·9
21	·807	·667	90·8	94·5	96·7	72·9	23·8	159·6	62·9	64·5	8·4	C	E	37·5
22	·813	·694	90·5	82·6	96·7	75·1	21·6	157·8	61·1	66·0	9 1	C	SW	48·3
23	·822	·679	89·0	91·2	95·4	74·6	20·8	155·1	59·7	66·5	8·1	C	C	37·1
24	·810	·686	88·8	92·0	94·7	73·1	21·6	154·1	59·4	65·8	7·3	C	C	43·8
25	·837	·698	84·6	93·0	94·7	74·8	19·9	156·8	62·1	68·0	6·8	SW	C	15·9
26	·822	·684	88 5	91·5	95·7	73·6	22·1	154·1	58·4	67·0	6·6	S	W	51·8
27	·838	·702	88·0	94·5	95·4	75·1	20·3	156·1	60·7	67·5	7·6	SW	C	52·8
28	·847	·744	88·5	81·9	94·9	76 1	18·8	162·1	67·2	68·5	7·6	SW	SE	49·0
29	·886	·763	88·2	88·2	94·7	74·1	20·6	156·8	62·1	67·5	6·6	SW	N	50·7
30	·922	·770	88·0	92·0	94·7	72·5	22·2	159·6	64·9	66·5	6·0	C	NW	68·2
Mean	28·809	28 635	85·7	88·3	92·1	73·5	18·5	153·2	61·1	67·8	5 8	...	...	69·0

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	75·8	76·2	72·6	0·855	0·886	0·795	87	93	98	0·47	10	10	Pk. *lr. r. c.*	P. *c. r.*	
2	77·0	78·5	73·1	·881	·855	·806	85	66	96	0·12	9	8	Pk. *lr. d.*	K. *c.*	
3	76·0	79·5	71·1	·824	·922	·754	77	74	97	1·01	8	9	K. *lr. t.*	Pk. *g. d.*	
4	79·2	79·5	74·9	·931	·878	·861	79	65	98	...	8	4	K. *lr.* ⌒	K. *c.*	
5	80·2	80·5	74·4	·934	·897	·839	71	62	95	...	5	9	K. *lr.* ⌒	K. *c.*	
6	79·8	79·2	75·1	·930	·899	·855	74	70	93	0·13	8	9	K. *lr.* ⌒	Pk. *g. r.*	
7	78·0	73·0	71·8	·902	·785	·771	81	90	96	2·30	9	10	K. *lr. t.*	P. *c.*	
8	78·2	76·5	72·1	·886	·859	·785	75	83	98	0·10	9	10	K. *lr. t.*	Pk. *c. r.*	
9	73·8	77·2	72·1	·757	·839	·776	74	72	95	0·07	10	9	P. *lr. t. d.*	K. *c.*	
10	76·5	76·5	72·4	·805	·782	·765	68	62	88	...	8	9	K. *lr. t. d.*	C. K *c.*	
11	76·2	78·2	72·9	·809	·891	·790	71	77	93	...	9	8	K. *lr.*	K. *c.*	
12	75·0	75·5	72·1	·767	·721	·785	69	56	98	...	7	8	K. *lr.* ⌒	K. *c.*	
13	74·8	74·5	68·9	·741	·666	·692	64	50	94	...	2	8	K. ⌒	C. K. *c.*	
14	74·5	76·5	70·3	·728	·728	·725	62	52	93	...	6	8	K. ⌒	P. K. *g.*	
15	75·5	76·5	70·1	·755	·725	·725	63	51	95	...	2	6	C. ⌒	K. *c.*	
16	74·5	76·0	69·7	·715	·710	·705	59	50	92	...	0	6	⌒	K. *c.*	
17	73·5	74·5	69·4	·651	·616	·670	52	42	82	...	2	2	C. ⌒	K. *c.*	
18	75·5	76·0	70·2	·722	·683	·701	56	45	86	...	2	9	K. ⌒	K. *c.*	
19	75·5	74·7	70·1	·709	·605	·688	53	38	82	...	4	5	Cs. ⌒	K. *c.*	
20	77·2	74·2	70·6	·769	·573	·703	55	35	84	...	4	5	Cs. ⌒	K. *c.*	
21	74·8	75·0	70·0	·647	·606	·696	45	37	90	...	3	8	Cs. ⌒	K. *c.*	
22	77·5	76·0	71·1	·769	·810	·709	54	73	81	0·33	4	7	K. ⌒	P. K. *t. g.*	
23	78·0	79·2	71·4	·811	·837	·727	59	57	85	...	0	8	⌒	P. K. *g.*	
24	77·5	77·5	70·8	·792	·749	·724	58	50	89	...	0	7	⌒	K. *c.*	
25	77·2	77·2	72·6	·835	·721	·772	70	46	89	...	7	8	Cs. ⌒	K. *c.*	
26	78·8	78·2	71·6	·855	·786	·749	64	52	90	...	4	9	Cs. ⌒	Pk. *t, lr.*	
27	79·0	78·0	73·1	·871	·737	·789	66	45	90	...	3	8	K. *t. lr.* ⌒	K. *c.*	
28	79·5	75·0	73·6	·887	·776	·796	66	67	88	...	5	9	K. *t. lr.* ⌒	P. K. *t. lr. d.*	
29	76·5	78·5	72·1	·756	·845	·762	57	64	90	...	7	9	K. *t. lr.* ⌒	P. K. *g.*	
30	79·5	77·5	71·1	·894	·749	·744	68	50	93	...	7	9	P. K. *t. lr.* ⌒	P. *t. lr. u.*	
Mean	76·8	76·8	71·7	0·806	0·771	0·755	66	59	91	4·53	5·40	7·80			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	28·913	28·743	87·1	93·6	94·2	72·8	21·4	158·1	63·9	65·5	7·3	SW	N	60·3
2	·889	·753	86·9	94·7	95·2	70·6	24·6	149·4	54·2	60·4	10·2	SW	C	60·5
3	·913	·771	87·5	94·7	96·0	73·6	22·4	156·6	60·6	64·5	9·1	NW	W	85·3
4	·898	·766	89·2	92·5	97·7	71·9	25·8	159·1	61·4	64·3	7·6	W	C	46·3
5	·890	·747	87·5	87·5	97·7	75·2	22·5	159·6	61·9	69·0	6·2	C	N	77·2
6	·894	·797	80·6	72·4	89·7	75·0	14·7	154·1	64·4	71·5	3·5	SE	C	82·2
7	·909	·778	81·1	85·1	86·2	...	...	155·1	68·9	...	...	SE	S	119·6
8	·879	·756	81·9	82·4	87·2	73·1	14·1	158·4	71·2	70·5	2·6	S	C	133·4
9	·881	·776	78·3	78·3	84·7	73·1	11·6	151·1	66·4	72·5	0·6	SW	C	89·5
10	·900	·782	82·6	86·9	89·7	73·6	16·1	160·1	70·4	69·5	4·1	C	C	27·9
11	·897	·773	83·6	87·5	89·7	71·1	18·6	155·4	65·7	65·8	5·3	NE	C	45·0
12	·929	·805	83·6	88·0	89·2	67·9	21·3	151·1	61·9	61·8	6·1	NW	C	65·9
13	29·018	·895	78·4	83·6	85·2	67·6	17·6	141·1	55·9	61·5	6·1	E	NE	58·4
14	28·961	·834	83·1	87·4	88·4	68·1	20·3	151·1	62·7	59·4	8·7	C	NE	52·8
15	·932	·799	81·6	85·6	89·5	66·5	23·0	156·4	66·9	59·4	7·1	N	NE	47·7
16	·937	·816	84·6	88·0	90·2	66·2	24·0	156·8	66·6	57·7	8·5	E	NE	64·7
17	·975	·824	85·6	88·5	90·4	68·8	21·6	156·4	66·0	61·5	7·3	C	C	72·5
18	·973	·838	80·9	89·3	90·4	71·8	18·6	153·1	62·7	64·0	7·8	SW	C	58·3
19	·956	·834	85·6	90·5	91·0	70·6	20·4	154·1	63·1	63·2	7·4	C	C	36·4
20	·931	·805	86·4	87·5	92·7	71·4	21·3	156·1	63·4	64·0	7·4	NE	SE	44·8
21	·909	·813	84·6	80·9	88·2	71·4	16·8	155·8	67·6	66·0	5·4	SW	E	77·5
22	·954	·855	79·1	71·6	84·7	68·4	16·3	155·1	70·4	65·8	2·6	C	N	65·3
23	·942	·803	80·1	86·3	86·7	69·1	17·6	151·8	65·1	64·0	5·1	NW	C	26·6
24	·956	·829	80·9	84·6	87·2	69·1	18·1	151·1	63·9	64·5	4·6	C	NE	47·1
25	29·010	·920	83·4	78·4	84·7	70·6	14·1	156·6	71·9	65·5	5·1	C	C	75·2
26	·065	·944	77·4	80·6	82·7	65·9	16·8	154·1	71·4	60·4	5·5	NE	E	64·6
27	·078	·948	78·6	83·6	85·2	58·3	26·9	142·1	56·9	49·5	8·8	C	C	59·6
28	·074	·930	78·3	82·6	85·2	58·3	26·9	154·1	68·9	47·6	10·7	N	N	71·8
29	·007	·878	78·6	82·9	85·7	57·8	27·9	144·1	58·4	46·1	11·7	C	N	49·1
30	·015	·877	78·6	80·6	85·0	60·2	24·8	153·4	68·4	49·5	10·7	NE	NE	47·4
31	·029	·885	81·6	84·6	87·2	64·5	22·7	149·1	61·9	57·9	6·6	E	N	69·7
Mean	28·952	28·825	82·5	85·2	89 0	68·8	20·3	153·6	64·6	62·1	6·7	...	...	64·0

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	72·2	77·3	70·6	0·588	0·718	0·721	45	45	89	...	7	7	Ck. *lr.* ⌒	C. S. *c.*	
2	76·5	77·8	69·2	·772	·723	·695	60	44	92	...	2	5	K. ⌒	K. *c.*	
3	77·0	75·5	70·9	·787	·626	·722	60	39	87	...	0	4	*lr.* ⌒	K. *c.*	
4	76·2	73·5	69·2	·729	·571	·680	53	38	87	...	4	9	C. ⌒	K. *c.*	
5	76·3	73·5	70·4	·756	·638	·681	58	49	78	...	8	9	K. *lr. d.*	K. *c.*	
6	74·5	71·5	70·1	·775	·760	·671	74	95	77	2·42	9	10	Pk. *g. d.*	Pk. *g. lr.*	
7	76·5	76·8	67·7	·853	·812	...	81	67	...	0·47	9	8	K. *lr. t.*	K. *c.*	
8	76·5	78·0	71·1	·840	·899	·736	77	81	90	...	8	8	Pk. *lr.*	Pk. *g.*	
9	75·2	75·0	72·6	·835	·826	·796	86	85	98	1·29	10	9	Pk. *t. lr.*	Pk. *g.*	
10	76·8	75·7	73·1	·846	·738	·809	76	58	98	...	9	6	K. ⌒	K. *c.*	
11	76·0	76·5	69·2	·798	·765	·688	69	59	90	...	4	5	K. ⌒	K. *c.*	
12	75·5	76·5	66·5	·777	·759	·632	68	57	92	...	2	4	K. ⌒	K. *c.*	
13	70·5	72·5	65·2	·642	·653	·589	66	57	87	...	8	9	K. ⌒	Ck. *c.*	
14	74·5	68·1	67·2	·741	·431	·655	65	33	95	...	7	6	Ck. ⌒	Ck. ⌒	
15	73·0	68·1	63·9	·699	·454	·562	65	37	87	...	9	9	C. ⌒	Ck. *c.*	
16	71·8	71·5	65·7	·613	·553	·627	51	42	97	...	0	4	⌒	K. *c.*	
17	71·2	70·5	66·2	·571	·508	·612	46	38	87	...	3	4	K. ⌒	K. *c.*	
18	73·9	75·5	68·2	·744	·684	·644	71	50	83	...	9	6	Ck. *lr.*	Ck. *c.*	
19	76·3	75·5	69·0	·783	·682	·690	63	48	92	...	5	7	Ck. *c.*	Ck. *t.*	
20	75·2	75·5	70·1	·725	·722	·721	58	56	94	...	2	9	K. *d. t.*	Pk. *g.*	
21	76·2	74·2	70·1	·790	·757	·721	66	72	94	...	8	9	K. *t. lr.*	Pk. *t. lr.*	
22	74·7	70·5	67·9	·801	·734	·678	80	95	97	0·50	9	10	K. *c.*	P. *c.*	
23	75·5	74·5	68·7	·833	·698	·696	80	56	97	...	9	6	K. ⌒ ☰	Ck. *c.*	
24	75·0	72·2	68·2	·789	·624	·678	74	52	95	...	7	9	C. ⌒	K. *c.*	
25	74·5	74·5	68·2	·734	·801	·658	64	82	88	0·08	9	9	K. ⌒ *t.*	P. *t. d.*	
26	62·6	63·6	63·2	·379	·368	·546	40	35	86	...	9	9	Ck. *lr. t.*	Ck. *c.*	
27	65·9	63·6	55·5	·468	·328	·406	48	26	83	...	2	4	K. ⌒	Ck. *c.*	
28	64·6	63·4	55·3	·433	·333	·398	44	30	81	...	5	8	C. S. ⌒	C. *c.*	
29	67·1	66·6	56·3	·512	·441	·434	52	39	91	...	2	6	Cs. ⌒	C. S. *c.*	
30	67·4	63·6	58·5	·526	·368	·471	53	35	90	...	9	9	C. ⌒	K. *c.*	
31	69·6	70·1	62·1	·567	·543	·526	52	45	86	...	2	8	C. ⌒	K. *c.*	
Mean	73·2	72·3	66·8	0·700	0·630	0·638	63	53	90	4·76	6·00	7·26			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours.	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	29·008	28·869	79·6	84·6	86·0	65·0	21·0	147·1	61·1	...	...	E	N	62·2
2	28·966	·825	79·8	84·6	86·4	66·5	19·9	150·1	63·7	...	...	N	NE	76·8
3	·941	·899	81·6	85·6	87·2	61·7	25·5	144·1	56·9	...	...	N	NE	51·9
4	·932	·799	80·6	86·1	87·7	57·1	30·6	144·1	56·4	...	...	C	NE	55·4
5	·951	·805	78·6	86·1	88·2	54·8	33·4	146·1	57·9	...	...	C	NE	27·9
6	29·005	·903	82·6	88·0	89·0	58·3	30·7	144·6	55·6	...	...	W	E	45·2
7	·056	·910	80·9	86·6	88·7	59·2	29·5	145·1	56·4	...	...	C	C	20·7
8	·028	·904	81·6	86·6	88·9	60·2	28·7	144·1	55·2	...	...	C	C	50·2
9	·072	·969	83·6	85·1	88·7	60·2	28·5	149·1	60·4	...	..	N	C	46·5
10	·099	·975	81·8	86·6	87·7	60·2	27·5	152·1	64·4	...	...	S	NE	44·2
11	·062	·943	79·6	85·1	87·7	60·2	27·5	143·1	55·4	...	...	SE	NE	61·2
12	·060	·945	77·6	83·6	86·0	55·8	30·2	143·6	57·6	...	...	NW	NE	58·6
13	·104	·962	79·1	83·6	85·4	55·8	29·6	143·1	57·7	...	...	C	NE	52·0
14	·094	·959	78·6	84·1	86·2	59·1	27·1	140·6	54·4	...	...	E	NE	66·0
15	·063	·909	79·1	84·6	86·7	55·7	31·0	143·1	56·4	...	...	C	NE	41·9
16	·034	·885	78·9	85·1	87·0	57·3	29·7	143·4	56·4	...	...	C	C	50·5
17	·030	·915	78·6	85·9	88·2	59·5	28·7	143·8	55·6	...	...	N	C	63·7
18	·072	·956	81·6	85·6	87·9	59·2	28·7	144·1	56·2	...	...	SE	C	62·2
19	·089	·961	80·1	85·6	88·0	58·5	29·5	144·1	56·1	...	...	NE	E	77·8
20	·071	·948	81·4	85·6	87·7	59·2	28·5	143·1	55·4	...	...	C	E	82·6
21	·078	·945	81·6	86·1	87·7	60·2	27·5	143·6	55·9	...	...	C	NE	81·9
22	·085	·952	79·6	84·6	86·5	58·6	27·9	142·1	55·6	...	...	NE	E	95·2
23	·138	·911	79·1	84·9	86·7	58·6	28·1	143·1	56·4	...	...	C	C	82·2
24	·029	·904	76·9	84·6	86·7	59·0	27·7	144·1	57·4	...	...	C	SE	62·7
25	·027	·885	79·9	86·3	87·0	60·5	26·5	143·1	56·1	...	...	E	SE	59·9
26	·017	·885	80·6	87·6	90·0	62·2	27·8	143·6	53·6	...	...	E	C	65·8
27	28·990	·850	82·6	88·5	90·7	61·5	29·2	143·6	52·9	...	...	C	NE	54·1
28	·993	·861	84·6	86·6	91·0	62·7	28·3	146·1	55·1	...	...	C	C	57·2
29	·992	·847	80·6	86·6	88·7	66·9	21·8	146·4	57·7	...	...	C	SE	57·9
30	29·022	·891	71·6	79·6	80·7	63·7	17·0	138·4	57·7	...	...	NE	SE	85·1
Mean	29·037	28·906	80·1	85·5	87·5	59·9	27·6	144·4	56·9	...	...	...	...	60·0

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	71·5	69·1	64·0	0·665	0·333	0·584	66	42	95	...	2	5	K. ⌒	K. *c.*	K. c.
2	70·1	66·6	63·3	·607	·413	·540	60	35	83	...	7	6	C. ⌒	Cs. *c.*	Cs. *c.*
3	67·4	65·1	57·3	·481	·267	·413	45	28	74	...	0	0	⌒	*b.*	*b.*
4	65·1	65·6	53·2	·413	·357	·355	40	29	75	...	0	0	⌒	*b.*	*b.*
5	65·1	63·6	52·2	·440	·289	·358	45	23	84	...	0	0	⌒	*b.*	*b.*
6	66·4	68·1	54·3	·432	·421	·371	39	32	76	...	0	0	⌒	*b.*	*b.*
7	67·1	66·1	55·3	·480	·368	·387	45	29	76	...	0	0	⌒	*b.*	*b.*
8	66·6	68·1	56·8	·453	·440	·418	42	35	79	...	0	0	⌒	*b.*	*b.*
9	69·2	67·1	56·3	·525	·424	·403	45	35	76	...	3	4	K. ⌒	K. *c.*	*b.*
10	68·6	66·1	55·8	·523	·368	·388	48	29	74	...	2	5	Cs ⌒	K. *c.*	K. *c.*
11	66·1	64·6	55·8	·462	·336	·388	46	28	74	...	0	3	*b.* ⌒	Cs. *b.*	C. *b.*
12	64·6	64·4	53·2	·437	·349	·373	46	30	84	...	3	0	Cs. ⌒	*b.*	*b.*
13	65·9	64·4	53·7	·461	·349	·387	47	30	87	...	0	0	*b.* ⌒	*b.*	*b.*
14	66·4	64·9	55·8	·486	·360	·403	50	31	80	...	0	0	*b.* ⌒	*b.*	*b.*
15	65·6	65·3	53·2	·451	·367	·374	46	30	84	...	0	0	*b.* ⌒	*b.*	*b.*
16	66·6	67·3	55·3	·489	·431	·413	49	35	87	...	0	0	*b* ⌒	*b.*	
17	65·9	66·4	56·3	·468	·388	·412	48	31	81	...	0	0	*b.* ⌒	*b.*	
18	67·4	67·6	56·3	·482	·436	·416	45	36	82	...	0	7	*b.* ⌒	Cs. *c.*	
19	66·9	66·6	56·3	·484	·399	·426	48	33	87	...	2	5	C. ⌒	Cs. *c.*	
20	67·6	65·9	56·8	·492	·374	·431	45	31	85	...	2	0	Cs. ⌒	*b.*	
21	63·1	64·6	55·3	·332	·323	·374	31	26	71	...	0	0	*b.* ⌒	*b.*	
22	64·9	65·6	53·7	·421	·378	·350	42	32	70	...	0	0	*b.* ⌒	*b.*	
23	65·6	66·1	54·0	·451	·392	·358	46	32	73	...	2	2	C. ⌒	C *b.*	
24	65·6	66·6	56·3	·479	·413	·419	52	35	84	...	9	5	C. ⌒	Cs. *c.*	
25	67·6	68·9	58·3	·523	·474	·459	50	38	87	...	9	0	K. ⌒	*b.*	
26	68·1	69·6	60·0	·532	·483	·490	51	37	88	...	0	0	*b.* ⌒	*b.*	
27	70·1	70·4	59·3	·580	·502	·477	52	37	87	...	0	8	*b.* ⌒	K. *c.*	
28	71·2	71·3	61·0	·594	·562	·515	50	45	90	...	2	7	K. Cs. *c.*	Pk. *d.*	
29	69 6	70·3	63·2	·577	·524	·531	56	41	80	...	7	9	Ck. *lr. d.*	Ck. *c.*	
30	68·6	70·5	62·2	·660	·626	·541	85	62	92	0·10	10	6	Pk. *lr. g.*	Ck. *c. r.*	
Mean	67·2	66·9	56·8	0·496	0·405	0·425	49	34	81	0·10	2·00	2·40			

Date	Barometer reduced to 32°		Temperature of Air					Temperature of Radiation				Wind		
	10 hours	16 hours	10 hours	16 hours	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	10 hours	16 hours	Total miles
1	29·015	28·898	78·4	74·4	84·7	63·7	21·0	146·6	61·9	...	...	E	N	80·9
2	·015	·913	77·3	82·6	84·7	64·6	20.1	144·6	59·9	...	...	C	SE	70·3
3	·037	·900	79·4	79·8	85·7	65·2	20·5	147·6	61·9	...	...	SW	C	82·2
4	·025	·871	78·6	83·9	85·2	64·2	21·0	143·1	57·9	...	...	NE	E	72·3
5	·007	·882	75·3	79·6	83·7	67·1	16·6	143·4	59·7	...	...	SE	NE	68·1
6	·047	·921	76·6	83·1	86·0	65·4	20·6	141·6	55·6	...	...	E	E	85·3
7	·035	·907	76·6	81·1	84·4	67·5	16·9	146·6	62·2	...	...	C	NE	85·7
8	·078	·939	66·4	72·1	76·4	63·2	13·2	136·1	59·7	...	...	NE	NE	112·9
9	·071	·906	68·4	76·6	79·9	64·0	15·9	142·1	62·2	...	...	C	S	75·3
10	·025	·949	72·8	75·3	77·3	65·4	11·9	130·1	52·8	...	...	SW	W	97·4
11	·098	·988	67·6	67·9	73·8	59·2	14·6	139·4	65·6	...	...	NE	C	110·2
12	·031	·937	65·6	72·9	74·2	58·6	15·6	129·6	55·4	...	...	N	E	64·3
13	·099	·965	67·6	73·9	74·9	56·3	18·6	130·1	55·2	50·3	6·0	NE	NE	86·4
14	·077	·982	70·5	73·6	76·1	57·3	18·8	134·6	58·5	49·5	7·8	N	C	64·2
15	·072	·928	75·3	81·6	83·5	63·4	20·1	139·1	55·6	56·3	7·1	C	C	59·1
16	·035	·919	74·6	82·6	83·9	61·1	22·8	138·8	54·9	52·3	8·8	C	C	28·1
17	·054	·935	74·3	80·0	81·7	60·4	21·3	138·4	56·7	52·5	7·9	E	C	60·7
18	·042	·955	72·6	80·6	82·0	62·1	19·9	140·9	58·9	52·5	9·6	S	E	45·5
19	·064	·952	75·6	80·6	82·0	65·2	16·8	146·6	64·6	60·4	4·8	E	C	37·4
20	·077	·972	76·5	83·1	84·5	65·2	19·3	148·8	64·3	57·4	7·8	NE	NE	64·5
21	·061	·935	78·1	85·6	86·7	63·9	22·8	139·1	52·4	56·7	7·2	N	C	57·1
22	·039	·907	78·6	85·7	87·2	63·0	24·2	142·1	54·9	53·9	9·1	C	E	47·1
23	·074	·950	78·5	86·1	87·7	62·7	25·0	140·4	52·7	52·5	10·2	C	E	47·1
24	·103	·970	78·6	85·6	86·7	62·2	24·5	144·1	57·4	51·0	11·2	E	NE	51·3
25	·078	·930	77·6	86·3	86·4	63·4	23·0	142·6	56·2	55·4	10·0	C	C	39·9
26	·063	·909	77·6	86·7	87·2	60·2	27·0	142·4	55·2	51·5	8·7	NE	E	56·8
27	·032	·883	77·4	82·9	84·8	60·4	24·4	147·1	62·3	49·5	10·9	...	...	55·1
28	28·974	·786	74·6	83·9	85·7	57·8	27·9	140·6	54·9	45·6	12·2	NE	SW	71·1
29	·938	·790	76·8	83·6	85·7	57·3	28·4	138·4	52·7	48·4	8·9	S	S	83·8
30	·886	·755	78·1	85·6	87·2	61·7	25·5	143·9	56·7	53·4	8·3	SW	SW	98·6
31	·858	·729	77·6	82·9	85·7	61·0	24·7	140·8	55·1	54·6	6·4	NW	WNW	79·9
Mean	29·036	28·908	74·9	80·6	83·1	62·3	20·7	141·0	57·9	52·7	8·6	...	...	69·0

Date	Temperature of Evaporation			Computed Vapour Tension			Relative Humidity			Rainfall	Cloud		Cloud and Weather Initials		
	10 hours	16 hours	Min	10 hours	16 hours	From Min	10 hours	16 hours	From Min	Inches	10 hours	16 hours	Before 10 A M	10 A M to 4 P M	After 4 P M
1	71·2	69·6	62·7	0·668	0·660	0·558	69	78	95	0·14	9	9	K. *lr. c.*	Pk. *d. g. r.*	Pk. *lr. g.*
2	71·5	71·8	64·0	·689	·636	·590	73	57	97	...	7	6	Cs. *lr. c.*	Ck. *c.*	K. Cs. *lr.*
3	70·5	72·0	64·5	·628	·681	·598	62	67	96	...	8	7	Ck. *lr. d.*	Pk. *g.*	Cs. *c.*
4	69·9	71·3	63·4	·616	·599	·574	62	52	96	...	3	8	Ck. *g. c.*	Ck. *c.*	C. K. *c.*
5	69·3	71·2	65·4	·637	·652	·605	72	64	91	...	9	9	K. *c.*	K. *c.*	Pk. *g.*
6	67·6	70·8	64·2	·556	·590	·585	61	52	94	...	7	9	Ck. *lr.*	Ck. *c.*	K. Cs. *c.*
7	68·6	69·8	65·9	·593	·570	·618	65	54	92	...	10	10	Pk. *lr. d. g.*	Pk. *g.*	Pk. *lr. t. g.*
8	63·6	65·6	61·6	·552	·545	·528	86	69	92	...	10	10	Pk. *lr. g. d.*	Pk. *g.*	K. *c.*
9	66·9	69·3	63·2	·641	·620	·571	92	68	96	0·14	10	9	Pk. *lr. d. g.*	Pk. *g. r.*	Pk. *g.*
10	69·6	67·6	64·7	·682	·574	·603	85	65	96	1·17	10	10	Pk. *lr. d. g.*	Pk. *g. r.*	P. *c.*
11	60·1	63·6	54·3	·421	·532	·359	62	78	70	0·12	8	10	Pk. *lr. g.*	P. *g. r.*	Pk. *g.*
12	57·9	65·6	53·9	·377	·534	·355	60	66	72	...	7	9	C. K. ⌒	Pk. *g.*	K. *c.*
13	57·9	63·3	50·6	·352	·445	·294	52	55	65	...	9	9	K. ⌒ *c.*	K. C. Cs. *c.*	K. *c.*
14	62·4	66·3	52·5	·457	·550	·333	61	66	71	...	9	10	Pk. ⌒ *g.*	Pk. *d. g.*	Pk. *c. g.*
15	64·4	69·6	60·3	·465	·563	·484	52	52	83	...	0	8	*c. b.*	C. Cs. *c.*	C. Cs. *c.*
16	65·8	69·6	60·3	·519	·550	·514	60	49	95	...	7	9	C. Cs. ⌒ *c.*	K. C. Cs. *c.*	Cs. *c.*
17	66·3	67·1	60·0	·540	·492	·514	63	48	97	...	9	9	Cs. ⌒ *c.*	Cs. *c.*	Cs. *c.*
18	65·4	67·3	60·8	·531	·492	·517	66	47	93	...	9	9	Pk. ≡ *g. c.* ∞ *d.*	K. C. *c.*	Ck. *c.*
19	65·9	67·1	63·4	·508	·434	·561	57	46	90	...	9	9	Ck. *d. g.*	K. *c.*	Pk. *g.*
20	68·3	70·5	62·0	·583	·579	·514	63	52	83	...	7	8	Cs. ⌒ *c.*	Cs. *c.*	K. *c.*
21	68·1	69·8	62·4	·554	·517	·545	58	42	92	...	8	4	Cs. ⌒ *c.*	Ck. *c.*	Cs. *b.*
22	67·1	68·9	61·5	·511	·482	·528	52	39	92	...	0	0	⌒ *b.*	*b.*	*b.*
23	68·9	69·9	61·8	·580	·515	·541	60	41	94	...	2	2	C. ⌒ *c.*	Ck. *c.*	C. *b.*
24	69·6	69·1	61·3	·604	·491	·532	61	40	94	...	4	9	Cs. ⌒ *c.*	Cs. *c.*	Cs. *b.*
25	68·6	69·8	61·3	·580	·508	·516	61	40	89	...	6	0	Cs. ⌒ *c.*	*b.*	*b.*
26	68·1	68·6	58·6	·561	·458	·473	59	36	91	...	2	2	Cs. ⌒ *b.*	K. *c.*	*b.*
27	65·4	64·5	58·3	·467	·366	·461	49	33	88	...	6	8	Cs. ⌒ *c.*	K. *c.*	K. *c.*
28	63·6	66·9	55·3	·443	·433	·406	52	37	84	...	2	2	Ck. ⌒ *c.*	Ck. *c.*	C. *b.*
29	67·4	67·9	56·4	·553	·468	·444	60	41	94	...	0	6	⌒ *b.*	Pk. *g.*	K. *b.*
30	68·1	69·6	60·3	·554	·510	·506	58	42	91	...	2	6	K. ⌒ *c.*	K. *c.*	K. *b.*
31	58·5	61·6	56·2	·239	·265	·389	26	24	72	...	0	0	⌒ *b.*	*b.*	*b.*
Mean	66·3	68·2	60·4	0·537	0·528	0·504	62	52	79	1·57	6·10	6·97			

BOMBAY—

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·988	30·056	29·942	30·008	29·989	70·7	75·9	81·8	72·7	76·8	83·2	70·1	13·1	148·5	65·3	53·5	16·6	NE	ENE	NW	N	250
2	·981	·052	·939	29·987	·981	69·3	74·3	80·9	71·1	75·5	83·6	68·4	15·2	150·7	67·1	51·9	16·5	NE	NE	NW	N	259
3	·970	·018	·903	·989	·959	69·3	74·5	81·3	71·1	76·0	84·2	68·0	16·2	150·8	66·6	51·5	16·5	ENE	ENE	NW	N	283
4	·960	·023	·928	·992	·967	69·0	73·3	81·7	71·8	75·6	82·6	67·0	15·6	149·1	66·5	51·9	15·1	NE	ENE	WNW	N	158
5	·978	·044	·944	30·024	·987	67·3	72·3	80·8	72·8	74·7	81·4	67·1	14·3	145·3	68·9	51·3	15·8	ENE	ENE	NW	NNW	219
6	·993	·062	·950	·008	·993	68·3	73·9	82·9	73·0	76·4	84·2	66·0	18·2	150·3	66·1	52·3	13·7	NNE	NE	NW	N	186
7	30·015	·091	·944	·026	30·009	68·5	73·5	83·5	74·3	76·9	85·6	68·0	17·6	152·3	66·7	53·0	15·0	NE	E	WNW	N	203
8	29·999	·079	·935	·018	29·997	69·7	74·3	82·1	73·6	76·5	83·2	69·2	14·0	150·5	67·3	53·4	15·8	NE	E	WNW	N	186
9	·967	·011	·909	29·994	·961	70·1	75·5	83·1	74·6	77·6	84·9	69·1	15·8	149·5	64·6	54·2	14·9	NE	ENE	W	SW	186
10	·929	·002	·886	·941	·932	71·1	76·1	81·2	75·5	77·1	82·0	70·1	11·9	142·5	60·5	58·3	11·8	ESE	ESE	WSW	W	196
11	·925	29·994	·895	·979	·939	73·3	76·3	79·0	72·3	76·0	79·7	72·0	7·7	142·5	62·8	62·2	9·8	N	N	W	N	163
12	·966	30·056	·954	30·048	·996	70·5	72·5	74·8	69·0	72·6	76·6	69·7	6·9	139·7	63·1	64·3	5·4	NE	NE	NNW	NNE	253
13	30·014	·098	·964	·015	30·013	65·1	70·9	75·5	69·0	71·3	77·4	64·4	13·0	139·3	61·9	52·5	11·9	NNE	ENE	WNW	NNW	254
14	29·991	·052	·931	·011	29·985	65·7	69·1	77·8	71·8	72·2	77·8	65·0	12·8	138·4	60·6	52·3	12·7	NE	ENE	W	WSW	181
15	·994	·060	·963	·038	30·005	69·5	74·3	76·5	72·5	74·1	78·0	67·8	10·2	141·2	63·2	59·7	8·1	ESE	ESE	SSW	SSW	157
16	30·015	·096	30·012	·076	·043	70·1	71·1	74·3	68·5	71·7	75·6	69·3	6·3	143·7	68·1	59·3	10·0	ESE	NNE	NNW	NNE	249
17	·043	·108	29·997	·064	·045	66·0	71·2	76·8	70·5	72·4	77·8	65·3	12·5	140·3	62·5	55·4	9·9	N	NE	NNW	NNW	304
18	·033	·108	·985	·036	·031	66·3	72·4	78·3	71·5	73·3	78·6	65·1	13·5	142·6	64·0	53·8	11·3	NNE	NE	WNW	NW	203
19	·016	·085	·970	·043	·020	69·9	73·7	80·9	74·2	75·7	81·4	69·0	12·4	140·6	59·2	59·9	9·1	NE	ENE	W	W	158
20	29·992	·048	·917	29·987	29·977	70·5	74·0	80·7	73·5	75·9	81·2	70·1	11·1	145 3	64·1	60·6	9·5	ESE	E	W	N	165
21	·940	29·987	·881	·949	·929	71·5	75·6	80·3	72·4	75·9	81·7	70·5	11·2	142·3	60·6	61·0	9·5	NE	E	W	Calm.	180
22	·928	·990	·890	·961	·932	70·9	75·3	80·1	72·3	75·7	80·7	70·2	10·5	141·5	60·8	60·3	9·9	E	E	W	NW	164
23	·964	30·030	·922	30·006	·972	70·0	73·5	78·3	73·1	74·6	79·2	70·0	9 2	140·7	61·5	58·3	11·7	NNE	ENE	WNW	NNW	238
24	·957	·011	·906	·014	·964	69·9	74·1	80·7	74·3	75·9	81·3	69·5	11·8	141·8	60·5	59·1	10·4	NE	ENE	WNW	N	191
25	·964	·026	·897	29·977	·953	72·3	75·5	81·5	76·0	77·4	82·2	71·2	11·0	142 5	60·3	59·9	11·3	ESE	E	WNW	NNW	204
26	·932	29·994	·878	·954	·930	71·9	76·5	82·0	76·1	77·7	82·9	71·2	11·7	142·8	59·9	61·6	9·6	NNE	NE	WNW	NNW	192
27	·941	30·011	·923	30·003	·961	74·1	78·1	82·9	76·5	78·7	83·6	72·2	11·4	142·6	59·0	61·5	10·7	NE	ENE	WNW	NE	170
28	·985	·052	·928	29·981	·978	72·3	77·5	81·7	76·1	78·0	82·6	71·2	11·4	144·9	62·3	60·3	10·9	ENE	NE	NW	NNW	245
29	·964	·008	·891	·946	·941	73·5	79·3	80·8	73·8	77·3	82·0	72·1	9·9	144·2	62·2	65·2	6·9	N	NNE	NW	NNW	274
30	·914	29·983	·876	·893	·911	70·6	76·1	81·5	75·0	77·0	82·4	70·0	12·4	144·0	61·6	60·3	9·7	N	NNW	NNW	NNW	341
31	·944	·976	889	·949	·929	69·9	76·8	80·7	74·2	76·7	82·5	69·0	13·5	143·0	60·5	59·1	9·9	NNE	N	NW	NNW	335
Mean	29·974	30·039	29·927	29·997	29·975	69·9	74·4	80·1	73·0	75·6	81·3	69·0	12·3	144·3	63·0	57·4	11·6	...	...	...	...	217·6

N.B —+ ·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

JANUARY 1877.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud 0 to 8				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	64·4	64·5	70·9	64·4	67·0	63·0	0·521	0·455	0·611	0·495	0·521	0·483	69	50	56	61	59	66	...	0	0	0	0	K. *m.*	K. Ck. C. *m.*	C. K.
2	62·9	64·4	70·3	62·6	66·3	61·1	·489	·472	·600	·456	·504	·444	68	55	57	62	61	64	...	0	4	2	0	K. C. Ck. *m.*	K. Ck. C. *m.*	K.
3	63·4	63·7	71·4	62·6	66·1	60·8	·507	·447	·637	·456	·512	·439	70	53	59	62	61	64	...	0	0	0	0	Ck. *m.*	*m.*	
4	64·4	64·6	69·3	66·3	66·4	62·9	·544	·494	·550	·573	·540	·551	77	60	50	73	65	79	..	0	0	0	0	*w. m.*	*m.*	
5	63·4	64·4	71·3	69·5	67·4	63·3	·533	·500	·639	·679	·588	·532	79	62	60	84	71	80	...	0	0	2	0	*m.*	C. Ck. *m.*	*w.*
6	65·4	66·1	73·1	65·1	68·0	62·9	·588	·549	·684	·515	·584	·534	85	64	60	63	68	84	...	0	0	1	0	*m. w.*	C. Cs. *m.*	
7	62·4	64·4	73·5	67·8	66·9	63·1	·484	·484	·692	·594	·564	·513	70	58	60	70	65	74	...	3	2	0	0	C. Ck. *m.*	C. Ck. *m.*	*m.*
8	63·4	63·9	71·3	66·6	66·9	63·7	·501	·456	·623	·561	·535	·518	69	54	57	68	62	73	...	0	0	0	0	C. *m. w.*	C. *m.*	
9	64·4	67·0	73·4	72·4	69·8	63·1	·522	·549	·694	·766	·633	·499	72	62	61	89	71	70	...	0	0	0	0	*m. w.*	S. *m.*	*w.*
10	66·0	68·7	74·3	72·3	71·3	65·3	·573	·607	·755	·751	·672	·561	71	66	71	85	73	76	...	0	0	3	1	*m. w.*	K. C. Ck. *m.*	K. C.
11	70·7	69·4	71·0	70·3	70·4	67·5	·718	·627	·653	·702	·675	·615	88	69	66	90	78	78	0·09	6	4	6	8	K. C. *m.*	K. C. Ck. *m.*	P. *r. o.*
12	67·6	67·3	66·8	62·3	66·5	66·2	·637	·600	·552	·473	·565	·598	85	75	64	66	73	82	0·04	7	8	0	0	K. C. P. *r.*	P. K. C. *o. m.*	
13	59·0	61·8	62·4	61·7	61·7	58·5	·420	·432	·391	·454	·424	·419	68	57	44	64	58	68	...	0	0	3	0	C. Cs. *m.*	C. Ck. Cs. *m.*	
14	60·7	62·6	65·8	64·2	63·8	59·3	·465	·482	·476	·500	·481	·430	73	68	50	64	64	67	...	0	7	8	0	S.	C. S. *o. m.*	
15	65·4	68·3	68·5	68·3	67·9	62·1	·572	·613	·591	·637	·603	·484	80	72	65	80	74	71	...	8	3	6	0	K. *o.*	C. Ck. K. *m.*	
16	66·4	69·0	69·0	63·5	67·4	66·4	·599	·682	·639	·521	·610	·608	81	90	75	75	80	85	0·10	8	8	6	0	K. S. *o.*	P. K. Ck. *m. o.*	
17	60·5	63·4	67·2	64·9	64·6	...	·456	·481	·539	·542	·505	...	71	63	59	73	67	...	...	0	0	5	0	...	K. Ck. *m.*	
18	58·4	62·5	69·6	68·3	65·4	58·3	·384	·435	·608	·651	·519	·399	59	55	62	84	65	64	...	1	6	2	0	K. *m.*	K. Ck. *m.*	
19	66·8	68·4	72·7	72·1	70·1	63·3	·618	·625	·694	·761	·675	·507	85	75	66	90	79	71	...	6	4	0	0	K. S.	K. C. Ck. *m.*	*w.*
20	69·1	71·1	73·3	71·2	71·2	68·1	·694	·723	·722	·734	·718	·664	92	86	68	89	84	90	...	7	5	0	0	K. Ck. S. *w. o.*	K. Ck. *m.*	
21	69·3	70·7	71·6	69·1	70·4	68·1	·686	·687	·659	·670	·676	·656	89	77	63	84	78	88	...	0	0	0	3	K. *m. w.*	K. *m.*	C. Cs. *w.*
22	69·3	70·8	70·8	68·3	70·1	68·3	·693	·695	·631	·640	·665	·667	92	79	61	81	78	90	...	4	2	2	0	K. Ck. C. *m. w.*	K. *m.*	K.
23	68·3	69·3	71·1	68·9	69·7	67·9	·671	·661	·666	·650	·662	·659	91	80	69	80	80	90	...	0	0	0	0	*m. w.*	K. *m.*	
24	67·3	69·0	71·3	71·3	70·0	66·5	·636	·642	·639	·727	·661	·612	87	76	60	86	77	85	...	0	0	0	0	*m.*	*m.*	*w.*
25	69·4	70·3	74·0	74·1	72·2	67·9	·680	·673	·740	·818	·728	·640	85	76	69	91	80	84	...	0	0	0	0	*m.*	K. *m.*	*w.*
26	69·3	72·1	76·2	73·1	73·2	68·8	·683	·730	·827	·776	·754	·673	88	79	76	86	82	88	...	0	0	0	0	*m. w.*	K. Ks. *m.*	
27	69·3	71·8	74·3	73·0	72·6	67·1	·653	·698	·734	·766	·713	·598	77	73	65	84	75	76	...	0	0	0	0	*m.*	K. Cs. *m.*	
28	67·6	71·3	72·7	72·1	71·2	68·0	·614	·684	·685	·735	·680	·643	77	72	63	82	74	84	...	3	4	2	0	C. Cs. *m.*	C. Cs. Ck. *m.*	C.
29	65·5	70·2	73·3	69·5	70·3	65·0	·513	·618	·719	·666	·629	·524	63	61	68	80	68	67	...	0	0	0	0	K. *m. w.*	K. Ck. *m.*	Ks.
30	66·6	69·8	72·4	68·4	69·9	65·2	·602	·646	·674	·608	·633	·559	80	72	62	70	71	76	...	0	0	0	0	S. C. K. *m. w.*	*m.*	K. *w.*
31	63·5	66·6	73·1	66·5	68·6	63·1	·501	·517	·714	·550	·571	·500	68	56	68	65	64	70	...	0	0	0	0	*m. w.*	*m.*	
Mean	65·5	67·3	71·2	68·1	68·5	64·5	·573	·579	·646	·627	·606	·551	78	68	62	77	71	77	0·23	1·71	1·84	1·55	0·39			

BOMBAY—FEBRUARY 1877.

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·933	29·966	29·860	29·904	29·903	69·6	75·8	80·5	71·9	75·7	80·9	68·0	12·9	144·2	63·3	57·5	10·5	N	N	NW	NNW	369
2	·892	·930	·822	·882	·870	68·3	74·3	80·0	72·6	75·0	80·1	67·3	12·8	145·4	65·3	56·2	11·1	N	N	NW	NNW	301
3	·848	·910	·797	·856	·847	69·3	75·1	80·3	74·5	75·3	80·6	68·2	12·4	141·3	60·7	56·0	10·2	ESE	ESE	WNW	W	157
4	·806	·875	·797	·832	·831	74·1	78·1	75·2	70·3	74·5	79·6	73·0	6·6	143·3	63·7	65·0	8·0	SSE	SSE	NW	N	293
5	·825	·899	·782	·854	·831	69·8	72·2	76·9	72·7	73·9	78·4	68·4	10·0	138·8	60·4	60·1	8·3	ENE	ENE	W	WSW	173
6	·845	·901	·780	·857	·836	72·3	76·9	78·9	76·9	76·9	80·6	68·4	12·2	141·5	60·9	62·1	6·3	SSE	ESE	SSW	S	354
7	·783	·875	·820	·926	·842	75·5	76·3	74·5	74·3	75·4	78·2	73·8	4·4	136·1	57·9	68·9	4·9	SW	SW	NNW	WNW	408
8	·955	30·029	·932	30·003	·972	70·0	72·0	74·3	67·3	71·9	76·6	67·3	9·3	140·9	64 3	62·3	5·0	WNW	NE	NNW	N	418
9	·985	·044	·878	29·930	·950	64·5	70·7	77·3	71·5	72·2	77·4	62·0	15·4	143·1	65·7	48·3	13·7	NNE	N	NW	NNW	381
10	·911	29·976	·857	·962	·917	65·3	71·3	78·7	70·5	73·0	79·3	63·0	16·3	145·9	66·6	52·3	10·7	ENE	ENE	W	N	254
11	·943	30·010	·903	·977	·949	66·5	71·2	77·5	71·2	72·7	77·8	65·0	12·8	144·2	66·4	52·7	12·3	E	ESE	WNW	NNW	215
12	·961	·025	·899	·970	·956	66·7	71·2	77·3	70·5	72·6	77·8	65·2	12·6	140·1	62·3	53·2	12·0	NNW	NE	WNW	N	237
13	·928	29·976	·850	·934	·911	67·0	74·2	78·8	71·4	74·2	79·8	65·1	14·7	144·9	65·1	52·4	12·7	NNE	NE	NW	N	356
14	·923	·993	·925	30·014	·957	68·0	76·7	81·5	72·3	75·9	81·4	67·6	13·8	144·5	63·1	53·4	14·2	NE	NE	W	NW	192
15	·993	30·059	·952	·019	·998	70·3	75·5	82·3	73·7	76·8	83·3	69·8	13·5	144·3	61·0	59·1	10·7	ENE	NE	WNW	NNW	206
16	30·002	·066	·927	29·988	·987	70·7	76·2	82·2	75·8	77·4	83·3	70·3	13·0	143·1	59·8	59·1	11·2	E	ESE	WNW	N	235
17	29·951	·025	·921	·982	·961	74·5	81·1	84·3	76·6	80·1	85·4	73·8	11·6	148·5	63·1	63·0	10·8	NE	NE	NW	N	267
18	·975	·034	·929	·999	·974	74·1	82·0	83·0	76·0	79·8	84·3	73·2	11·1	146·5	62·2	62·0	11·2	N	NE	NW	NNW	277
19	·967	·045	·927	30·008	·978	70·7	76·3	82·9	75·0	77·4	82·8	69·6	13·2	146·5	63·7	58·1	11·5	N	E	WNW	NW	183
20	·990	·060	·953	·010	·996	71·1	78·7	81·7	74·1	77·3	81·4	70·5	10·9	146·6	65·2	59·9	10·6	NNW	NW	NW	W	180
21	·994	·043	·944	·017	·989	71·8	77·1	81·6	73·4	77·2	82·4	71·0	11·4	144·9	62·5	61·0	10·0	NE	ESE	W	NW	185
22	30·003	·077	·972	·029	30·014	70·8	76·5	80·3	74·0	76·4	80·4	70·0	10·4	146·9	66·5	59·4	10·6	ENE	NNW	NW	NW	319
23	·011	·059	·920	·004	29·989	69·6	75·6	79·5	74·0	75·8	81·0	68·6	12·4	146·6	65·6	59·6	9·0	NNE	NE	NW	NNW	323
24	29·960	·003	·874	29·976	·940	67·7	77·0	82·1	75·0	76·8	83·3	67·0	16·4	146·5	63 1	61·8	5·2	N	NNW	NW	NNW	318
25	·941	·005	·897	·979	·949	71·9	77·7	82·0	75·0	77·7	82·4	70·2	12·2	145·3	62·9	59·7	10·5	N	NNW	NW	NNW	229
26	·961	·023	·912	30·002	·968	71·3	77·9	82·2	75·1	77·7	82·8	70·0	12·8	146·7	63·9	59·1	10·9	NNE	E	WNW	WNW	178
27	·960	·031	·898	29·957	·955	71·9	77·2	82·1	74·5	77·7	83·0	71·8	11·2	147·1	64·1	60·1	11·7	NNE	E	WNW	NW	207
28	·943	·002	·899	·973	·947	71·6	78·1	80·5	75·5	77·1	80·6	71·4	9·2	140·3	59·7	63·2	8·2	N	NE	WNW	NNW	201
Mean	29·935	29·998	29 887	29·961	29·936	70·2	75·8	79·9	73·4	75·9	80·9	68·9	12·0	144·1	63·2	58·8	10·1	...	...	...	...	264·9

N.B.—+ ·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud 0 to 8				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	61·4	64·6	68·1	62·5	65·1	61·7	0·436	0·462	0·522	0·441	0·465	0·468	60	51	50	56	54	69	...	0	0	0	0	S. *m. w.*	K. *m.*	
2	63·1	63·1	67·3	64·9	65·1	63·0	·510	·430	·501	·514	·489	·520	73	51	49	64	59	78	...	0	0	0	0	S. *m.*	*m.*	
3	65·3	64·4	71·5	70·3	68·5	63·1	·571	·462	·655	·685	·593	·511	80	53	63	80	69	74	...	0	0	3	0	S. *m.*	K. Ck. C *m.*	
4	71·3	73·4	69·3	66·3	70·3	64·5	·731	·762	·638	·594	·681	·494	85	79	72	80	79	61	0·17	6	6	8	0	Pk. *m.*	P. K. Ks. *m. r. o.*	
5	65·6	66·5	69·1	68·5	67·6	64·6	·577	·574	·608	·639	·600	·539	79	73	66	80	75	81	...	5	6	6	3	K.	K. Ck. C.	K.
6	69·3	71·8	71·9	72·7	71·4	64·4	·677	·713	·689	·748	·707	·552	85	77	70	81	78	79	0·03	8	6	6	5	K. *o.*	K. Ck. C. *m. r.*	K. C.
7	72·2	73·3	69·1	67·2	70·7	70·4	·747	·782	·640	·573	·686	·699	85	86	74	68	78	83	0·31	8	8	8	7	K.	P. K. C. *o. m.*	K. Ck.
8	63·3	61·4	62·5	57·4	61·6	60·0	·493	·405	·406	·341	·411	·422	67	52	50	50	55	63	...	4	0	0	0	K. Ck.	Ck. K. *m.*	
9	52·9	56·6	63·8	64·0	59 9	51·9	·249	·271	·413	·497	·358	·255	41	37	44	64	47	46	...	0	0	0	0	...	*m.*	
10	59·1	60·9	66·3	63·7	63·1	55·9	·421	·397	·480	·501	·450	·354	67	52	48	67	59	62	...	0	0	0	0	...	*m.*	
11	62·3	63·3	66·9	65·1	65·0	61·9	·507	·477	·519	·540	·511	·514	77	62	55	71	66	84	...	0	0	0	0	*w.*	*m.*	
12	60·4	64·4	66·4	64·5	64·3	60·0	·443	·515	·502	·528	·497	·450	67	67	53	71	65	72	...	0	0	0	0	*m.*	*m.*	
13	60·6	63·4	68·1	63·6	64·8	57·1	·444	·441	·545	·485	·479	·358	67	52	55	63	59	58	...	0	0	0	0	*m.*	*m.*	
14	62·2	62·0	68·3	68·7	66·0	61·4	·484	·361	·516	·654	·504	·463	71	39	48	83	60	68	...	0	0	0	0	*m.*	K. C. Ck. *m.*	C. *w.*
15	65·9	66·2	72·3	68·3	69·0	62·9	·579	·520	·660	·622	·595	·483	78	59	60	74	68	66	...	7	6	4	0	K. Ck. C. *m.*	K. C. Ck. *m.*	C. *w.*
16	66·7	69·0	75·8	67·3	70·8	65·9	·604	·613	·806	·556	·645	·580	80	68	73	62	71	78	...	0	0	0	0	S. *m.*	K. *m.*	
17	68·1	69·5	75·3	67·3	71·2	63·6	·603	·567	·757	·544	·618	·454	70	54	64	59	62	55	...	0	0	0	0	*m.*	K. *m.*	
18	61·7	66·8	73·4	69·0	69·1	61·1	·385	·455	·695	·616	·538	·379	45	42	61	69	54	46	...	4	0	3	0	K. Ck. *m.*	K. C. *m.*	S.
19	66·3	68·7	74·0	70·0	70·5	64·1	·587	·601	·721	·668	·644	·526	78	67	63	77	71	73	...	0	6	0	0	K. S. *m.*	C. K. *m.*	
20	67·5	70·6	72·2	71·4	70·6	67·6	·626	·642	·661	·734	·666	·637	83	66	61	85	74	85	...	0	0	0	0	K. *m.*	K. *m.*	*w.*
21	70·3	69·3	73·1	70·2	71·4	68·0	·722	·613	·702	·697	·684	·646	93	66	65	85	77	85	...	0	0	0	0	C. *m. w.*	K. S. *m.*	*w.*
22	68·3	71·3	72·8	69·3	70·9	67·8	·659	·697	·707	·655	·679	·653	88	76	68	78	78	89	...	0	0	0	0	S. *m. w.*	S. *m.*	
23	67·3	69·5	71·1	66·7	69·2	66·0	·639	·631	·649	·559	·620	·606	89	73	64	67	73	87	...	0	0	0	0	*m. w.*	*m.*	*w.*
24	62·5	66·7	73·3	67·3	68·4	61·1	·498	·519	·704	·567	·572	·461	73	56	64	65	65	69	...	0	0	0	0	*m. w.*	K. *m.*	
25	67·5	71·6	74·2	72·0	71·9	66·0	·616	·695	·742	·746	·700	·583	78	74	68	86	77	79	...	0	0	0	0	*m.*	K. *m.*	
26	66·3	70·3	75·5	72·9	72·1	63·5	·580	·640	·794	·780	·699	·500	76	67	72	89	76	66	...	0	0	0	0	K. *m.*	K. Ks. *m.*	*w.*
27	70·5	70·0	74·5	72·2	72·1	69·5	·728	·638	·753	·760	·720	·692	93	68	69	89	80	89	...	0	0	0	0	K. *m. w.*	K. *m.*	*w.*
28	69·7	73·1	73·3	71·3	71·7	68·0	·701	·749	·725	·711	·722	·640	90	78	69	80	79	83	...	8	5	8	8	K. *o. m.*	K. C. *m.*	K. C.
Mean	65·3	67·2	70·7	67·7	68·3	63·4	0·565	0·558	0·633	0·606	0·590	0·516	76	62	61	73	68	73	0·51	1·61	1·54	1·64	0·82			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·944	30·000	29·873	29·961	29·935	73·5	78·0	82·5	76·9	79·0	85·0	73·0	12·0	152·3	67·3	65·0	8·0	N	NE	WNW	N	224
2	·917	29·987	·870	·970	·928	79·0	83·9	86·5	78·2	83·2	89·2	76·7	12·5	152·7	63·5	67·9	8·8	NE	ENE	WNW	N	261
3	·956	30·022	·885	·977	·952	76·1	80·3	81·9	75·7	79·9	85·7	75·0	10·7	146·9	61·2	65·0	10·0	WNW	SSE	WNW	NNW	171
4	·943	29·986	·861	·906	·918	73·5	79·2	84·3	74·7	79·0	83·8	73·4	11·4	147·3	62·5	60·1	13·3	N	E	NW	NNW	181
5	·895	·956	·829	·902	·887	70·3	77·7	81·0	73·0	76·6	83·0	70·1	12·9	147·5	64·5	60·3	9·8	NNE	ENE	WNW	NW	224
6	·900	·958	·848	·936	·901	79·7	75·7	81·3	75·1	76·6	82·2	79·0	13·2	147·7	65·4	57·3	11·7	NNE	NE	WNW	WNW	196
7	·941	30·008	·873	·955	·936	73·1	76·7	82·9	76·6	78·5	83·8	72·6	11·2	146·9	63·1	62·0	10·6	N	ENE	WNW	NNW	284
8	·928	29·991	·838	·922	·910	72·1	77·9	83·4	77·6	78·9	84·1	72·0	12·1	146·5	62·4	61·2	10·3	NNW	ESE	NW	NNW	279
9	·878	·922	·796	·882	·862	73·3	81·0	85·9	79·9	81·2	86·8	72·2	14·6	148·1	61·3	61·6	10·6	NNE	NE	NW	N	338
10	·881	·934	·768	·859	·850	75·5	82·8	84·8	79·1	81·7	86·4	74·6	11·8	148·9	62·5	63·0	11·8	N	NE	NW	NNW	385
11	·836	·883	·788	·883	·840	74·5	80·8	84·8	77·0	80·3	85·2	74·0	11·2	146·0	60·8	64·8	9·2	N	NW	WNW	W	185
12	·848	·929	·821	·895	·868	74·5	79·0	83·4	76·2	79·5	85·0	74·0	11·0	147·4	62·4	65·0	9·0	WSW	E	W	WNW	131
13	·916	·981	·850	·933	·913	74·3	79·7	82·5	76·9	79·4	84·1	74·2	9·9	146·2	62·1	65·9	8·3	NNE	NNW	WNW	NW	211
14	·937	·983	·871	·932	·924	74·9	80·5	82·2	76·3	79·3	83·0	74·6	8·4	146·7	63·7	66·7	7·9	N	NW	NW	NW	278
15	·917	·970	·852	·915	·907	73·7	80·8	85·2	77·9	81·0	88·4	73·2	15·2	151·7	63·3	67·0	6·2	NNE	NE	NW	NNW	372
16	·910	·954	·826	·918	·893	71·2	80·4	84·2	76·0	79·4	85·4	70·5	14·9	148·5	63·1	59·5	11·0	N	NE	NW	NNE	333
17	·909	·948	·807	·901	·881	72·9	81·9	84·5	76·4	80·2	85·6	72·3	13·3	147·0	61·4	61·0	11·3	NNE	NE	NW	N	283
18	·900	·947	·836	·920	·894	72·3	79·9	83·7	76·1	79·3	85·0	72·0	13·0	146·7	61·7	61·6	10·4	N	NE	NW	NW	270
19	·898	·972	·846	·917	·904	72·4	79·3	82·1	75·9	78·6	83·8	72·0	11·8	145·9	62·1	62·3	9·7	Calm	NNW	WNW	NW	238
20	·907	·941	·838	·926	·892	73·3	79·1	82·7	76·7	79·1	83·6	73·0	10·6	146·9	63·3	64·8	8·2	NE	E	WNW	NW	266
21	·911	·963	·841	·906	·890	74·2	78·7	82·2	76·7	78·9	83·0	73·8	9·2	146·7	63·7	66·2	7·6	N	E	WNW	NW	240
22	·862	·915	·775	·830	·840	73·9	79·7	83·7	78·5	79·9	84·4	74·0	10·4	145·3	60·9	65·4	8·6	N	NE	WNW	NW	257
23	·840	·889	·777	·858	·835	75·0	81·7	85·7	79·3	81·5	86·4	74·3	12·1	146·5	60·1	66·8	7·5	N	NE	WNW	NNW	279
24	·835	·880	·778	·854	·830	74·6	84·7	84·9	77·1	81·6	86·3	74·4	11·9	149·5	63·2	64·0	10·4	N	NNW	NW	NW	241
25	·871	·927	·811	·887	·866	74·1	84·0	85·7	76·3	81·2	86·4	74·0	12·4	147·1	60·7	63·1	10·9	NNE	S	W	WNW	200
26	·871	·922	·798	·875	·857	74·2	79·9	83·6	77·1	79·8	85·5	74·1	11·4	147·4	61·9	64·0	10·1	NNE	ESE	W	WNW	195
27	·843	·887	·807	·869	·848	74·4	80·1	82·1	78·5	79·8	84·0	74·0	10·0	150·4	66·4	65·1	8·9	NNE	W	NW	WNW	223
28	·873	·949	·864	·901	·897	76·3	80·1	79·3	77·5	78·5	81·4	76·1	5·3	135·7	54·3	71·8	4·3	NNE	ENE	NNW	NW	154
29	·894	·951	·827	·902	·887	74·8	80·9	82·5	75·5	79·4	84·4	75·0	9·4	146·1	61·7	70·3	4·7	NW	NW	WNW	W	221
30	·894	·951	·824	·896	·885	73·5	78·9	83·8	77·2	79·6	85·2	73·2	12·0	147·3	62·1	64·6	8·6	ESE	ESE	WNW	WNW	311
31	·898	·947	·806	·869	·873	74·1	80·0	83·5	77·6	80·0	85·1	74·0	11·1	148·5	63·4	64·4	9·6	N	ENE	WNW	NNW	263
Mean	29·895	29·950	29·829	29·906	29·887	73·8	80·1	83·4	76·9	79·7	84·9	73·4	11·5	147·4	62·5	64·1	9·3	...	...	...	...	248·2

N.B.—+ ·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud 0 to 8				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	71·5	69·5	77·1	74·1	73·7	69·1	·747	·609	0·859	0·806	0·755	0·660	90	63	77	87	79	81	...	6	7	6	4	K. Cs. *m.*	K. Ck. C. *m.*	K. C. P. *r.*
2	68·3	75·3	79·4	72·5	74·8	65·3	·549	·763	·882	·723	·729	·472	55	65	65	75	65	51	0·01	8	8	4	3	P. K. *o. m. t. ir.*	K. Ck. C. Cs *m.*	C. K. Cs.
3	73·0	76·2	76·7	68·7	74·3	70·0	·772	·850	·850	·608	·770	·668	86	82	78	69	79	77	...	3	6	7	0	K. C. Ck. S. *m.*	K. Ck. C. *m.*	K. C.
4	69·2	70·3	74·3	72·0	72·0	65·0	·657	·622	·715	·750	·685	·506	80	61	60	87	72	61	...	4	3	0	0	C. K. Ck. *m.*	C. Ck. K. *m.*	*w.*
5	68·7	70·5	72·3	69·5	70·7	68·1	·682	·651	·677	·675	·671	·663	92	69	63	83	77	90	...	0	0	0	0	*m. w.*	*m.*	*w.*
6	68·7	69·3	73·3	72·6	71·2	67·8	·689	·631	·714	·743	·694	·667	95	71	67	88	80	94	...	2	0	0	0	K. *m. w.*	*m.*	*w.*
7	71·8	72·3	76·2	71·7	73·7	68·8	·764	·761	·816	·716	·764	·654	94	83	71	77	81	82	...	0	0	0	0	*m. w.*	S. *m.*	
8	70·6	70·7	75·4	73·6	73·1	70·2	·730	·656	·774	·790	·738	·716	93	69	67	86	79	92	...	0	0	0	0	*m. w.*	*m.*	
9	69·7	72·2	75·3	75·3	73·6	67·2	·680	·673	·736	·817	·727	·601	83	63	59	80	71	76	...	0	1	0	0	*m.*	S. *m.*	
10	68·5	69·0	75·1	73·9	72·2	66·5	·598	·524	·741	·768	·658	·543	69	46	62	77	64	64	...	0	2	0	0	*m.*	C. S. *m.*	
11	70·2	76·0	74·2	74·3	74·0	69·1	·682	·834	·704	·813	·758	·645	80	79	59	87	76	76	...	6	5	0	4	C. K. *o. m.*	C. K. *m.*	K.
12	72·6	75·0	76·0	73·3	74·4	71·8	·775	·816	·799	·790	·795	·751	90	82	69	86	82	89	...	7	5	4	0	K. C. *m. g.*	K. Ck. *m.*	
13	72·3	72·3	75·8	73·5	73·9	70·3	·767	·694	·802	·782	·761	·690	90	68	72	84	79	81	...	6	3	0	0	K. C. *m. w. r.*	K. Ck. *m.*	
14	72·1	73·4	75·2	71·3	73·3	71·1	·752	·730	·781	·701	·741	·715	87	70	71	77	76	84	...	5	3	4	0	K. C. *m.*	K. Ck. Cs. *m.*	
15	69·4	70·2	73·1	66·3	70·1	68·8	·662	·598	·653	·492	·601	·659	80	57	54	52	61	83	...	5	0	0	0	K. C. *m.*	K. *m.*	
16	61·8	65·4	72·3	65·4	67·4	61·5	·427	·426	·633	·485	·493	·428	56	41	54	54	51	57	...	0	0	0	0	S. *m. w.*	*m.*	
17	67·1	66·8	76·2	71·9	71·1	64·5	·588	·456	·794	·723	·640	·505	73	42	67	79	65	64	...	0	0	0	0	Cs. *m.*	*m.*	
18	66·5	68·8	74·3	72·1	71·4	66·2	·574	·556	·723	·735	·647	·567	73	55	62	82	68	72	...	0	0	0	0	*m. w.*	*m.*	
19	70·6	73·8	74·3	73·2	73·6	69·8	·726	·762	·745	·780	·754	·700	91	76	68	87	81	89	...	0	0	0	0	*m. w.*	K. *m.*	
20	71·4	72·4	75·0	73·8	73·6	70·7	·744	·706	·766	·796	·753	·721	90	71	68	86	79	89	...	0	0	0	4	*m. w.*	*m.*	K.
21	71·4	73·4	75·2	73·3	73·7	71·3	·733	·753	·781	·776	·761	·735	85	77	71	84	79	88	...	3	4	0	4	K. S. *m. w.*	K. Ck. *m.*	K. Ck.
22	71·4	73·3	76·0	72·0	73·7	70·9	·737	·736	·808	·699	·745	·721	88	72	72	72	76	86	...	0	3	0	0	K*w. m.*	K. Ck. *m*	
23	72·3	74·2	77·2	73·0	74·8	70·8	·757	·746	·820	·728	·763	·708	87	69	66	73	74	84	...	6	4	0	0	K. C.	K. Ck. *m.*	
24	67·1	73·3	77·2	73·3	73·6	66·7	·565	·867	·832	·771	·709	·553	66	56	69	83	69	65	...	3	2	0	0	Ks. Ck. *m.*	K. Ck. *m.*	*w.*
25	68·6	76·0	75·5	72·8	73·7	68·6	·626	·791	·747	·761	·731	·627	74	68	60	84	72	74	...	4	0	4	3	C. K. *m.*	C. K. *m.*	C. K.
26	71·8	73·3	74·8	72·9	73·6	71·0	·749	·734	·745	·754	·746	·719	88	72	64	81	76	86	...	6	3	6	3	C. K. S. *m. w.*	C. Ck K. *m.*	K. C. Cs. *m.*
27	72·4	74·3	75·3	74·7	74·6	71·4	·769	·772	·787	·809	·784	·736	90	75	72	83	80	88	...	3	7	6	7	C. K. S. *m. w.*	K. Ck. C. *m.*	K. Ck *r.*
28	71·5	70·6	70·3	72·3	70·8	68·0	·709	·622	·622	·724	·669	·578	78	60	61	76	69	64	0·01	7	8	8	8	S. K. *m. r. o.*	K. *m. r. o.*	K. Ck.
29	71·3	73·8	74·2	69·7	72·7	68·3	·721	·740	·736	·649	·712	·604	84	71	66	76	74	69	...	7	3	2	0	C. K. S. *m. o.*	K. Ck. *m.*	K.
30	70·1	72·3	72·3	72·3	72·1	69·9	·692	·704	·639	·727	·690	·691	83	72	55	77	72	85	...	4	0	2	0	C. K. S. *m.*	K. S. C. *m.*	
31	72·0	74·3	75·1	72·9	74·2	71·4	·758	·772	·759	·753	·760	·736	90	75	65	79	77	88	...	3	3	0	0	K. S. *w.*	Ck. *m.*	
Mean	70·1	72·2	75·0	72·2	72·9	68·7	0·690	0·689	0·756	0·730	0·716	0·643	83	67	66	79	74	78	0·02	3·16	2·58	1·71	1·29			

Date	Barometer reduced to 31°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·879	29·945	29·798	29·880	29·867	73·7	82·1	85·5	77·9	81·1	86·7	73·1	13·6	148·3	61·6	62·4	10·7	NNE	ENE	NW	NE	312
2	·882	·936	·831	·929	·886	73·3	82·5	86·0	77·1	81·0	87·1	73·2	13·9	149·7	62·6	62·2	11·0	N	NW	WNW	WNW	220
3	·865	·921	·804	·885	·861	75·3	80·6	86·1	78·8	81·3	87·0	75 0	12·0	148·9	61·9	65·1	9·9	ENE	SE	NW	SW	203
4	·873	·928	·819	·893	·873	75·0	82·1	85·3	78·5	81·4	86·6	75·2	11·4	148·3	61·7	65·2	10·0	ESE	E	W	WNW	181
5	·876	·925	·794	·897	·864	76·7	81·9	85·8	77·7	81·7	86·6	76·1	10·5	148·8	61·7	68·5	7·6	ESE	ESE	W	SW	252
6	·878	·924	·791	·856	·853	75·5	80·5	85·1	78·5	81·0	85·9	75·0	10·9	149·8	63·9	67·2	7·8	SSE	SSE	W	WNW	188
7	·834	·884	·791	·861	·836	75·1	80·9	86·1	77·9	81·4	87·0	75·1	11·9	151·9	64·9	67·2	7·9	WNW	WNW	WNW	NW	162
8	·830	·873	·729	·820	·804	75·5	80·6	84·3	78·6	80·9	86·2	75·1	11·1	150·1	63·9	67·1	8·0	E	ESE	WNW	WNW	228
9	·819	·861	·754	·838	·809	76·9	82·2	85·8	79·7	82·3	87·0	76·0	11·0	148·0	61·0	67·9	8·1	ESE	S	WNW	NW	246
10	·840	·904	·787	·876	·847	76·5	82·0	86·1	79·5	82·3	87·6	76·0	11·6	148·7	61·1	69·7	6·3	NNW	SE	WNW	NW	236
11	·875	·937	·829	·884	·874	77·0	82·2	85·3	78·9	81·9	86·4	77·1	9·3	150·2	63·8	68·7	8·4	N	NE	WNW	WNW	234
12	·847	·905	·774	·883	·844	77·2	83·0	85·3	80·5	82·4	86·4	77·0	9·4	150·7	64·3	69·0	8·0	N	NW	WNW	WNW	251
13	·825	·878	·754	·853	·818	77·9	85·3	87·2	81·3	84·2	89·0	77·7	11·3	149·1	60·1	70·1	7·6	Calm	NW	NW	NW	301
14	·839	·901	·772	·845	·833	79·3	86·5	86·3	82·9	84·6	88·4	79·0	9·4	151·5	63·1	71·5	7·5	NNE	NE	NW	NNW	333
15	·842	·911	·799	·887	·854	79·5	85·1	87·0	71·1	84·2	88·6	79·1	9·5	152·3	63·7	72·1	7·0	WNW	NW	NW	NNW	327
16	·909	·940	·814	·896	·879	78·0	84·5	85·9	78·9	82·6	86·4	78·0	8·4	148·9	62·5	73·5	4·5	NW	WNW	NW	NNW	312
17	·890	·936	·812	·864	·860	75·7	83·3	86·5	79·3	82·4	87·5	75·7	11·8	150·3	62·8	68·0	7·7	NNW	NNW	WNW	NW	282
18	·910	·923	·805	·894	·875	76·8	83·5	86·4	79·1	82·6	87·4	76·4	11·0	151·1	63·7	67·1	9·3	ENE	NNW	WNW	NW	263
19	·930	·966	·835	·908	·900	76·1	83·2	86·3	80·9	82·7	87·6	76·1	11·5	150·3	62·7	67·4	8·7	N	E	NW	NNW	281
20	·922	·953	·797	·861	·872	77·3	85·1	86·8	80·0	83·4	88·0	77·0	11·0	148·7	60·7	71·7	5·3	N	NE	NW	NW	326
21	·853	·869	·710	·786	·793	77·7	85·0	86·3	81·1	83·4	87·6	77·6	10·0	149·5	61·9	72·1	5·5	NNE	NW	NW	WNW	270
22	·769	·811	·668	·749	·738	78·1	84·3	85·5	81·7	83·4	88·1	78·0	10·1	152·3	64·2	70·9	7·1	N	WNW	WNW	WNW	215
23	·737	·795	·699	·771	·745	79·9	82·6	85·0	81·1	82·9	86·8	78·5	8·3	152·7	65·9	71·3	7·2	E	SSW	WNW	NW	222
24	·807	·853	·716	·809	·789	79·9	84·5	86·9	81·7	84·0	87·3	79·2	8·1	155·9	68·6	76·0	3·2	NNW	NNW	WNW	NW	218
25	·792	·817	·721	·780	·770	79·0	84·5	87 6	81·1	83·9	88·2	79·0	9·2	148·6	60·4	72·5	6·5	N	NW	NW	NW	296
26	·769	·811	·706	·762	·754	77·2	83·9	86·0	79·9	82·7	87·2	77·1	10·1	149·8	62·6	71 0	6·1	NNE	NW	WNW	NW	316
27	·788	·843	·705	·790	·775	77·2	85·1	86·1	79·3	82·9	87·4	77·0	10·4	147·5	60·1	69·1	7·9	N	N	NW	NW	308
28	·796	·836	·719	·786	·776	78·1	85·2	85·9	80·3	83·3	87·5	77·6	9·9	147·9	60·4	74·5	3·1	NNE	ENE	WNW	W	312
29	·767	·837	·709	·789	·769	77·3	84·3	86·6	81·1	83·3	88·4	77·1	11·3	148·3	59·9	71·9	5·2	NNE	WNW	WNW	NW	270
30	·786	·818	·710	·771	·765	78·1	86·0	87·1	80·9	83·8	88·2	78·0	10·2	150·2	62·0	69·9	8·1	N	E	WNW	NW	245
Mean	29·841	29·888	29·765	29·843	29·826	73·7	83·4	86·1	79·9	82·6	87·3	76·7	10·6	149·9	62·6	69·4	7·4	...	...	...	...	262·0

N.B.—+ ·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	65·4	69·3	74·3	69·8	70·8	65·2	·516	·546	·699	·621	·596	·517	62	49	57	65	58	63	...	7	6	0	0	K. C. *m.*	C. Ck. Cs. *m.*	
2	68·2	72·1	77·2	74·9	73·8	66·2	·623	·596	·814	·837	·718	·551	76	58	65	90	72	67	...	3	2	1	0	C. Ck. *m.*	C. S. K. *m.*	*w.*
3	73·3	75·9	76·8	75·2	75·6	72·7	·795	·832	·797	·827	·813	·774	90	79	64	89	81	89	...	0	0	1	0	*m. w.*	S. *m.*	
4	73·9	76·9	77·1	76·2	76·3	72·6	·825	·856	·821	·875	·844	·769	95	78	67	90	83	88	...	0	0	0	0	*m. w.*	*m.*	C.
5	75·3	74·0	77·2	74·4	75·8	73·8	·859	·734	·819	·809	·805	·815	93	67	66	85	78	90	...	0	1	3	0	*m. w.*	C. K. S. *m.*	
6	73·3	74·5	77·5	75·6	75·6	72·9	·792	·775	·843	·847	·814	·786	89	74	70	87	80	90	...	6	4	5	0	K. Ck. *m. w.*	C. K. *o. m.*	C.
7	73·5	76·0	75·0	73·1	74·7	72·9	·806	·832	·720	·753	·778	·780	93	78	58	79	77	89	...	0	0	0	0	K. Ck. *m. w.*	C. *m.*	
8	73·1	74·5	76·1	74·6	74·9	72·0	·784	·774	·791	·804	·788	·745	88	74	67	82	78	86	...	0	2	2	0	Ck. *m. w.*	C. Ck. K. *m.*	
9	73·6	76·1	77·9	76·8	76·5	72·9	·785	·820	·850	·884	·835	·770	85	75	68	87	79	86	...	0	0	0	0	C. *m. w.*	*m.*	
10	74·4	76·5	79·0	76·2	77·1	74·0	·825	·840	·897	·861	·856	·814	91	77	72	86	82	91	...	7	3	0	0	Cs. C. K. *m. w.*	C. Ck. *m.*	
11	74·2	75·6	77·8	76·2	76·3	73·8	·809	·798	·853	·868	·832	·791	87	73	70	88	79	85	...	2	0	3	0	Cs. K. C. *m. w.*	K. Ck. C. *m.*	
12	74·3	77·4	78·4	77·0	77·2	74·0	·811	·866	·879	·882	·859	·801	86	77	72	85	80	86	...	7	4	3	0	K. C. *m. w.*	K. C. Ck. *m.*	
13	75·8	78·3	77·2	77·2	77·3	75·6	·865	·875	·800	·873	·853	·859	91	72	62	81	77	91	...	4	3	7	0	Cs. C. K. *m. w.*	C. Ck. K. S. *m.*	
14	75·1	77·1	77·2	78·2	77·3	73·8	·816	·803	·812	·902	·833	·766	81	63	65	80	72	77	...	7	8	8	3	K. C. *m. g.*	K. Ck. C. *o. m.*	K.
15	78·0	79·2	77·2	77·2	78·2	74·7	·940	·855	·805	·882	·870	·801	93	76	62	83	79	80	...	4	7	6	0	C. Ks. *o. m.*	Cs. K. S. *m.*	K. C.
16	74·2	77·7	78·2	74·9	76·6	73·2	·796	·859	·862	·813	·833	·755	83	73	69	82	77	79	...	0	0	0	0	S. *m.*	K. *m.*	
17	73·8	74·3	77·4	75·9	76·0	73·0	·812	·729	·818	·850	·802	·777	91	63	65	85	76	87	...	0	0	4	0	*m. w.*	C. K. Ck. *m.*	
18	73·3	74·3	78·0	76·6	76·2	73·0	·775	·726	·846	·883	·808	·766	84	63	67	89	76	84	...	0	0	0	1	*m.*	K. *m.*	K. C. *w.*
19	74·0	73·4	78·2	77·8	76·5	73·8	·813	·693	·857	·913	·819	·804	91	60	68	87	77	90	...	1	0	2	0	K. *m. w.*	C. Ck. K. S. *m.*	*w.*
20	74·4	76·2	79·2	77·8	77·4	73·6	·814	·784	·833	·925	·839	·783	86	64	70	90	78	84	...	0	0	0	0	*m. w.*	*m.*	K. C. *w.*
21	75·7	77·2	80·2	78·3	78·3	75·0	·863	·803	·950	·933	·887	·835	91	69	76	88	81	89	...	4	3	7	8	Cs. K. C. *m. w.*	C. Cs. Ck. K. *m.*	K. C. *o. w.*
22	74·3	78·1	76·5	77·0	76·7	74·4	·799	·879	·792	·865	·834	·805	83	75	65	80	76	84	...	7	7	7	6	K. C. Ks. *o. m.*	K. C. S. *o. m.*	K. C.
23	76·6	77·4	77·2	77·2	77·4	75·6	·875	·872	·828	·882	·864	·847	86	78	69	83	79	87	...	7	8	8	8	C. K. S. *m. o. r.*	K. C. Ck. *o. m.*	K. C. *o.*
24	76·2	78·5	78·1	77·2	77·8	75·2	855	·895	·845	·874	·867	·822	84	76	66	81	77	82	...	8	7	0	8	C. K. S. *m. o. r.*	K. C. *m. g.*	K. Ck. *o.*
25	76·5	78·3	76·0	76·7	77·4	75·1	·880	·885	·743	·860	·842	·818	89	75	57	81	76	82	...	7	0	0	0	K. C. S. *m. o.*	K. *m.*	
26	73·8	76·5	78·4	76·3	76·8	73·6	·789	·814	·870	·860	·833	·782	84	70	70	85	77	84	...	4	5	5	4	C. K. *m.*	C. Cs. Ck. *m.*	K. Ck.
27	74·3	77·3	77·4	77·0	77·0	73·9	·811	·856	824	·893	·847	·797	86	71	65	90	78	86	...	3	0	0	2	C. K. *m. w.*	K. *m.*	C. Ck. K.
28	74·5	73·2	79·2	78·0	76·8	73·8	·807	·657	·907	·929	·825	·784	84	54	73	90	75	83	...	4	0	0	5	K. *m.*	K. *m.*	K. C.
29	75·3	76·7	80·0	78·2	77·9	73·8	·852	·818	·936	·927	·883	·791	91	70	74	87	80	85	...	0	0	0	5	K. *m.*	K. *m.*	K. Ck.
30	76·1	78·0	78·5	76·2	77·5	75·4	·875	·852	·860	·841	·857	·837	91	68	67	79	76	89	...	0	1	1	0	K. *m. w. f.*	K. *m.*	
Mean	74·1	76·0	77·6	76·3	76·5	73·3	·809	·797	·832	·859	·824	·778	87	70	67	84	77	84	...	3·07	2·37	2·43	1·67			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·794	29·862	29·716	29·778	29·782	77·4	84·5	87·4	80·7	83·7	88·8	76·8	12·0	149·9	61·1	67·2	9·6	NW	S	WNW	WNW	252
2	·774	·813	·697	·770	·755	78·3	84·7	87·2	80·3	83·7	88·0	78·0	10·0	150·4	62·4	68·7	9·3	N	NW	WNW	WNW	195
3	·759	·810	·723	·824	·771	78·6	85·1	87·6	80·5	83·9	88·3	78·4	9·9	151·2	62·9	72·9	5·5	NNW	NNW	W	NW	230
4	·813	·879	·786	·849	·828	79·0	83·1	87·8	81·9	84·0	89·0	78·1	10·9	148·5	59·5	70·1	8·0	WNW	S	W	WNW	185
5	·842	·874	·749	·820	·810	80·3	85·7	87·8	81·6	85·2	90·6	80·0	10·6	150·5	59·9	76·0	4·0	NW	ENE	WNW	WNW	240
6	·797	·828	·733	·769	·777	78·9	84·5	87·2	80·9	83·9	88·4	78·8	9·6	149·5	61·1	73·0	5·8	WSW	WSW	WNW	WNW	205
7	·760	·797	·718	·785	·759	79·9	85·0	88·2	81·8	84·7	88·6	79·2	9·4	149·3	60·7	72·9	6·3	WNW	WNW	W	WNW	196
8	·802	·853	·741	·868	·808	79·3	85·3	88·2	81·1	84·6	89·4	79·0	10·4	151·4	62·0	69·9	9·1	NNW	NW	NW	WNW	260
9	·847	·898	·779	·820	·836	79·3	86·3	87·2	81·9	84·5	88·6	79·0	9·6	149·7	61·1	74·9	4·1	N	NNW	NW	NW	344
10	·782	·812	·705	·786	·764	79·3	87·7	87·1	81·7	84·7	89·4	79·0	10·4	146·9	57·5	75·6	3·4	N	NNW	NW	NW	479
11	·788	·813	·724	·777	·772	80·9	87·1	87·0	81·5	84·9	88·0	80·6	7·4	155·5	67·5	78·1	2·5	NNW	NNW	WNW	NW	416
12	·783	·843	·720	·787	·777	80·5	86·9	87·0	81·2	84·6	88·1	80·2	7·9	146·2	58·1	78·0	2·2	NNW	NNW	NW	NW	464
13	·790	·885	·737	·824	·789	80·2	86·9	86·8	81·5	84·6	87·8	79·9	7·9	147·7	59·9	77·1	2·8	NNW	NW	WNW	NW	440
14	·796	·845	·721	·805	·786	79·7	86·6	87·0	81·9	84·6	88·4	79·4	9·0	148·4	60·0	75·1	4·3	N	NW	WNW	WNW	345
15	·787	·816	·716	·785	·770	80·9	86·7	87·1	82·3	84·9	88·4	80·7	7·7	149·5	61·1	78·0	2·7	NW	NW	WNW	WNW	303
16	·765	·814	·709	·766	·759	80·9	86·0	88·2	82·6	85·3	89·6	80·9	8·7	151·1	61·5	78·1	2·8	NW	WNW	W	W	245
17	·748	·771	·654	·712	·713	82·0	85·3	89·0	83·4	86·0	90·4	81·0	9·4	147·5	57·1	76·1	4·9	NW	W	W	WSW	201
18	·672	·686	·568	·656	·635	81·1	87·0	89·2	84·1	86·3	90·7	81·2	9·5	147·9	57·2	74·2	7·0	WSW	SSW	W	WSW	201
19	·622	·658	·586	·675	·624	82·8	87·1	89·7	84·0	86·7	90·7	82·8	7·9	156·3	65·6	79·6	3·2	S	SSW	WSW	SW	289
20	·711	·774	·696	·811	·741	82·9	87·1	88·9	83·9	86·5	90·6	82·4	8·2	146·9	56·3	81·6	0·8	SSE	S	SSW	SW	449
21	·807	·861	·753	·843	·810	82·9	87·5	90·4	83·8	87·0	91·0	83·0	8·0	147·3	56·3	80·8	2·2	SSW	SSW	WSW	SW	323
22	·845	·904	·778	·864	·841	82·7	87·6	89·4	83·0	86·6	90·6	82·6	8·0	147·7	57·1	80·0	2·6	SSW	WSW	W	WSW	254
23	·859	·896	·779	·864	·841	81·5	86·2	88·4	82·9	85·7	90·6	81·0	9·6	153·7	63·1	76·2	4·8	WSW	W	WNW	WSW	195
24	·872	·923	·816	·882	·870	81·7	86·9	89·7	83·1	86·4	91·0	81·6	9·4	148·1	57·1	78·0	3·6	WNW	W	W	WNW	218
25	·872	·920	·817	·879	·866	81·5	86·4	89·6	83·5	86·2	90·4	81·0	9·4	149·9	59·5	76·1	4·9	WNW	W	W	W	206
26	·846	·881	·785	·842	·834	81·7	87·0	89·4	83·5	86·4	90·6	81·0	9·6	153·1	62·5	75·8	5·2	W	W	W	WSW	202
27	·829	·865	·755	·811	·812	82·3	87·6	90·4	83·7	87·0	91·8	81·6	10·2	151·2	59·4	75·9	5·7	W	WSW	W	W	192
28	·819	·855	·760	·826	·812	81·9	86·9	90·4	84·1	86·9	91·6	81·7	9·9	149·3	57·7	76·0	5·7	W	W	W	W	188
29	·865	·907	·799	·855	·850	82·7	87·3	89·0	83·7	86·8	91·2	82·4	8·8	151·1	59·9	78·0	4·4	W	NW	WNW	WNW	224
30	·870	·892	·808	·876	·855	82·7	87·4	89·2	83·7	86·6	90·8	82 5	8·3	151·1	60·3	79·0	3·5	WNW	WNW	WNW	WNW	227
31	·894	·932	·840	·901	·887	82·7	87·1	91·0	84·1	87·3	92·2	82·3	9·9	149·5	57·3	78·1	4·2	W	W	W	W	204
Mean	29·800	29·842	29·738	29·810	29·791	80·9	86·4	88 5	82·5	85·5	89·8	80·5	9·3	149·9	60·1	75·8	4·7	...	...	...	...	270·1

N.B.—+·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	74·7	77·8	77·8	77·0	77·1	74·0	·824	·863	·825	·879	·848	·803	88	73	64	84	77	87		0	1	0	0	K. *m. w.*	K. *m.*	...
2	75·5	76·8	78·9	77·0	77·2	74·3	·847	·816	·877	·885	·856	·800	88	68	68	86	78	83		0	0	0	0	K. *m. w.*	K. *m.*	C.
3	74·4	77·0	78·9	76·0	77·0	74·4	·796	·820	·871	·838	·831	·799	81	68	66	80	74	82		1	2	0	0	K. C. *m.*	K. *m.*	...
4	75.2	76·0	78·5	76·2	76·8	74·3	·824	·803	·850	·829	·827	·799	83	71	65	76	74	83		4	4	0	3	K. Ck. *m.*	K. Ck. *m.*	K. C.
5	76·0	76·3	78·3	75·9	77·1	75·2	·841	·781	·842	·819	·821	·811	82	63	64	76	71	79		4	3	0	2	K. C. *m.*	K. C. *m.*	K. C.
6	75·0	77·0	78·5	76·2	77·0	75·2	·817	·828	·858	·841	·836	·827	82	70	66	79	74	84		3	2	0	2	K. *m.*	K. C. *m.*	K. C.
7	74·4	76·2	78·0	75·3	76·3	74·8	·779	·786	·822	·791	·795	·804	76	65	61	73	69	80		4	2	0	4	K. Ck. *m.*	K. Ck. *m.*	K. C.
8	73·5	75·8	78·2	75·8	76·2	73·3	·749	·765	·831	·821	·792	·745	76	63	62	78	70	75		3	1	2	2	K. Ck. *m.*	C. Ck. K. Cs. *m.*	K. C.
9	74·3	77·2	80·2	76·4	77·6	74·1	·783	·812	·938	·837	·843	·777	78	65	72	77	73	78		4	4	4	0	K. Ck. C. *m.*	C. Ck. K. Cs. *m.*	...
10	76·0	73·4	79·2	77·0	77·0	73·2	·854	·633	·891	·865	·811	·741	86	48	69	80	71	75		0	5	2	0	K. *m.*	K. Ck. Cs. C. *m.*	...
11	76·6	80·2	79·7	78·6	79·1	74·7	·859	·938	·918	·941	·914	·781	82	72	71	87	78	74		6	5	4	0	K. Ck. C. *m.*	K. Ck. C. *m.*	...
12	76.6	78·6	78·0	77·2	77·7	75·7	·864	·868	·838	·881	·863	·829	83	68	65	83	75	80		5	2	0	0	K C. *m.*	C. K. *m.*	...
13	76·2	79·6	79·8	78·2	78·8	75·6	·851	·915	·925	·923	·904	·829	82	71	72	86	78	81		4	2	0	0	K. Ck.	K. C. *m.*	...
14	76·8	79·0	79·7	78·8	78·8	76·0	·884	·890	·918	·945	·909	·853	87	70	71	87	79	85		3	3	2	2	K. Ck.	K. C. Ck. *m.*	K. C.
15	77·1	78·6	80·2	79·1	79·0	76·8	·882	·871	·938	·952	·911	·870	84	69	72	86	78	83		6	3	6	4	K. Ck. *m.*	K. Ck. C. *m.*	K. C.
16	77·4	79·1	80·4	78·7	79·2	76·9	·894	·902	·934	·930	·915	·872	85	72	70	83	78	83		5	6	6	3	K. Ck. C. *m.*	K. Ck. C. *m.*	K. C.
17	78·4	79·2	81·2	79·2	79·8	77·0	·924	·916	·961	·941	·936	·875	85	76	70	82	78	83		6	5	4	4	K. Ck. C. *m.*	K. Ck. C. *m.*	K. C.
18	77·8	79·7	81·9	79·2	80·1	77·6	·910	·919	·992	·933	·939	·900	86	71	72	79	77	85		7	6	6	7	K. C. *m.*	K. Ck. *m.*	K. C.
19	79·3	81·0	81·7	79·7	80·6	77·9	·954	·977	1·012	·958	·975	·891	85	76	70	82	78	79		8	6	3	7	K. Ck. C.	K. Ck. C. *m.*	K. C.
20	79·1	81·0	82·1	79·4	80·7	77·8	·945	·977	1·006	·944	·968	·892	84	76	74	81	79	81		8	7	1	6	K. C. *o. m.*	K. C. *o m.*	C. K. *o.*
21	79·2	80·8	81·8	79·2	80·5	78·2	·948	·961	·971	·937	·954	·901	84	73	68	81	77	80		8	4	1	5	K. C. *o. m.*	K. C. *m.*	K. Ck.
22	78·9	81·0	80·2	78·2	79·8	78·0	·938	·970	·907	·901	·929	·898	84	74	66	80	76	81		6	4	0	4	K. C. *m.*	K. C. *m.*	K. Ck.
23	76·6	77·3	79·2	77·5	77·9	76·6	·851	·817	·875	·871	·854	·855	79	65	65	77	72	81		4	6	0	4	C. K. Ks. *m.*	K. C. *m.*	K. Ck.
24	76·9	78·5	79·9	78·2	78·6	76·8	·861	·862	·889	·903	·879	·853	80	67	64	79	73	80		5	1	0	5	K. Ks. *m.*	K. *m.*	K. Ck.
25	75.9	77·8	79·4	76·6	77·8	76·0	·821	·838	·867	·823	·837	·831	77	67	62	72	69	78		2	0	4	5	C. K. *m.*	K. C. *m.*	K. C.
26	75·5	77·4	78·6	77·2	77·6	75·5	·801	·812	·834	·851	·825	·810	74	65	60	74	68	77		4	6	2	4	K. C. *m.*	K. C. *m.*	K. C.
27	77·2	78·3	80·2	77·5	78·6	75·8	·867	·857	·894	·860	·870	·815	79	67	63	75	71	76		4	2	3	5	K. C. *m.*	K. Ck. *m.*	K. Ck.
28	77·2	78·3	80·2	78·2	78·9	76·7	·871	·853	·894	·886	·876	·853	80	67	63	75	71	79		2	3	1	0	K. Ck. *m.*	C. K. *m,*	K.
29	77·4	78·9	79·2	77·9	78·7	76·9	·870	·869	·866	·879	·871	·852	78	66	63	76	71	77		3	2	1	1	K. Ck. *m.*	K. C. *m.*	K. C.
30	77·3	78·2	79·9	77·8	78·7	76·8	·865	·840	·898	·875	·870	·846	77	65	60	75	71	76		1	2	0	4	K. *m.*	C. K. Cs. *m.*	K. C.
31	77·2	78·1	80·2	77·2	78·4	76·7	·861	·841	·885	·841	·857	·845	77	65	61	72	69	77		2	2	1	0	K. Ck. *m.*	C. K. *m.*	K. C.
Mean	76·6	78·2	79·7	77·6	78·3	75·9	·859	·858	·898	·883	·875	·834	82	68	67	79	74	80	...	3·94	3·26	1·71	2·68			

No rain.

Date	Barometer reduced to 31°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·859	29·870	29·763	29·811	29·819	83·4	87·4	90·0	84·0	87·2	91·4	82·6	8·8	149·9	58·5	79·0	3·6	WNW	WNW	W	W	255
2	·768	·805	·712	·793	·764	83·5	87·6	91·6	84·9	87·7	91·4	82·6	8·8	150·8	59·4	78·6	4·0	W	W	W	WSW	227
3	·762	·794	·710	·790	·760	83·7	88·0	90 4	84·7	87·6	91 6	83·2	8·4	150·7	59·1	80·0	3·2	W	WNW	WNW	WNW	240
4	·781	·809	·679	·768	·752	83·9	88·8	89·5	84·5	87·6	91·6	83·7	7·9	150·3	58·7	81·1	2·6	WNW	NW	WNW	WNW	326
5	·801	·807	·695	·759	·757	83·8	88·1	90·1	84·5	87·8	92·4	83·6	8·8	151·0	58·6	80·2	3·4	WNW	W	WNW	W	246
6	·741	·784	·659	·726	·718	83·8	88·2	90·7	85·1	87·8	92·4	83·7	8·7	150·9	58·5	80·6	3·1	WSW	W	W	W	234
7	·727	·762	·640	·758	·715	84·3	87·7	91·8	85·5	88·3	93·1	84·0	9·1	148·7	55·6	81·0	3·0	S	S	W	W	237
8	·726	·784	·658	·740	·720	84·3	88·5	91·6	84·4	88·4	93·5	84·0	9·5	152·2	58·7	80·7	3·3	SW	SW	W	SSE	168
9	·726	·770	·672	·768	·726	83·0	88·8	91·3	84·9	88·0	92·8	83·2	9·6	149·8	57·0	80·1	3·1	W	W	W	S	221
10	·749	·763	·667	·750	·727	80·8	85·7	90·4	85·1	86·4	91·8	80·0	11·8	146·0	54·2	78·2	1·8	W	S	W	W	261
11	·724	·737	·632	·713	·694	83·7	88·7	91·1	85·1	88·0	91·8	83·8	8·0	148·7	56·9	81·1	2·7	WNW	WNW	W	WSW	242
12	·716	·743	·625	·697	·691	83·9	88·3	90·0	85·5	87·8	91·6	84·0	7·6	148·4	56 8	80·5	3·5	W	W	WNW	NW	233
13	·698	·747	·642	·707	·691	84·2	88·7	90·1	80·5	87·0	92 2	84·1	8·1	149·5	57·3	81·4	2·7	NW	NW	WNW	NNE	286
14	·738	·768	·655	·812	·735	82·2	88·0	90·5	79·5	86·4	92·0	80·0	12·0	151·1	59·1	76·9	3·1	ESE	N	WNW	SE	351
15	·785	·843	·748	·848	·800	81·5	85·8	87·6	82·4	85·2	89·4	73·9	15·5	145·1	55·7	72·9	1·0	SSE	SE	SSW	SW	356
16	·326	·824	·733	·813	·791	80·7	85·7	87·6	84·3	85·3	88·5	81·0	7·5	148·4	59·9	78·2	2·8	NE	S	SSW	S	466
17	·772	·777	·732	·774	·758	82·3	86·6	88·0	84·4	85·7	89·3	80·0	9·3	146·2	56·9	76·6	3·4	ESE	S	SSW	S	621
18	·768	·781	·714	·748	·749	78·4	84·9	78·7	81·5	81·4	86·6	78·3	8·3	150·7	64·1	76·8	2·0	SE	SSE	S	SSW	651
19	·752	·747	·667	·685	·705	76·8	76·2	77·7	78·8	77·2	81·8	76·1	5·7	92·3	10·5	74·1	2·0	S	ESE	SW	SE	536
20	·617	·623	·569	·666	·609	79·5	79·1	79·3	76·0	78·8	81·0	76·0	5·0	125·5	44·5	74·0	2·0	SSE	ESE	WNW	WNW	418
21	·633	·682	·625	·675	·655	76·6	78·5	76·9	78·7	77·5	79·7	75·1	4·6	96·3	16·6	73·8	1·3	S	SSW	N	SSE	193
22	·640	·684	·598	·661	·641	78·0	79·5	81·7	78·1	79·6	82·4	76·2	6·2	139·3	56·9	75·1	1·1	W	S	W	ESE	316
23	·654	·710	·615	·668	·661	77·1	78·7	80·9	76·9	78·9	82·2	76·0	6·2	117·6	35·4	74·6	1·4	ENE	SSW	S	NNE	306
24	·625	·660	·573	·617	·619	77·3	79·7	81·3	80·3	80·0	81·8	76·0	5·8	116·5	34·7	74·6	1·4	ESE	W	W	SW	252
25	·591	·619	·578	·658	·607	77·7	80·5	84·7	82·5	81·9	85 0	77·4	7·6	126·1	41·1	76·2	1·2	SSW	W	WSW	SW	428
26	·635	·663	·634	·697	·656	81·9	84·9	86 0	82·7	84·6	87·8	80·0	7·8	138·9	51·1	77·4	2·6	WSW	WSW	WSW	WSW	448
27	·668	·722	·682	·718	·696	82·1	85·7	85·7	82·9	84·7	87·7	80·1	7·6	147·0	59·3	77·6	2·5	WSW	WSW	WSW	WSW	496
28	·705	·760	·698	·734	·723	82·3	85·1	85·5	82·7	84·6	88·1	82·0	6·1	144·5	56·4	79·0	3·0	W	WSW	WSW	WSW	533
29	·701	·754	·702	·751	·727	81·1	84·8	85·7	81·5	83·8	87·0	81·1	5·9	125·9	38·9	77·6	3·5	WSW	W	WSW	WSW	492
30	·712	·756	·692	·731	·722	81·2	85·6	85·9	82·3	83·9	86·6	79·8	6·8	139·7	53·1	75·6	4·2	WSW	WSW	WSW	WSW	520
Mean	29·720	29·751	29·666	29·735	29·713	81·4	81·8	86·7	82·5	84·6	88·5	80·4	8·1	139·9	51·5	77·8	2·6	...	...	...	...	352·6

N.B.—+·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours.	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	78·2	78·2	79·8	78·1	78·9	76·0	·896	·841	·881	·881	·875	·810	78	65	63	75	70	73	...	1	3	4	0	K. Ck. *m.*	C. K. *m.*	C. K.
2	76·5	78·2	80·1	78·9	78·7	75·9	·819	·839	·873	·808	·835	·805	72	64	59	76	68	72	...	4	3	2	0	K. *m.*	C. K. *m.*	
3	78·5	80·1	81·2	79·2	80·0	77·4	·906	·921	·941	·925	·923	·863	78	69	66	77	73	76	...	5	2	0	3	K. Ck. *m.*	K. Ck. *m.*	K. C.
4	79·9	80·3	81·2	79·1	80·2	78·5	·925	·919	·954	·922	·930	·905	80	68	68	77	74	78	...	3	2	0	3	K. Ck. *m.*	K. C. *m.*	K. C.
5	79·1	79·9	81·0	79·0	80·1	78·4	·933	·911	·936	·918	·925	·902	80	69	66	77	74	78	...	7	1	3	2	K. Ck. C. *m.*	K. C. Ck. *m.*	K.
6	79·1	80·7	81·1	79·4	80·3	78·3	·919	·948	·934	·926	·932	·896	77	71	65	77	73	77	...	3	3	2	2	K. C. Ck. *m.*	K. C. Ck. *m.*	K.
7	80·1	81·1	81·5	80·1	81·0	77·9	·971	·972	·938	·955	·959	·875	82	74	63	78	74	75	...	3	5	3	0	K. C. *o. m.*	K. C. *o.*	
8	79·7	80·7	81·7	79·9	80·9	79·1	·955	·944	·948	·962	·952	·929	81	70	64	81	74	79	...	7	5	3	4	K. C. *m.*	K. C. Ck. *o. m. g.*	K.
9	80·3	81·2	82·1	80·9	81·3	77·7	·999	·963	·972	1·002	·984	·877	88	71	66	83	77	77	0·05	3	5	3	6	K. C. *o. m.*	K. C. *o. m.*	K. *o. l.*
10	78·7	81·1	81·3	79·9	80·8	77·8	·962	1·000	·971	·952	·971	·924	93	81	68	79	80	90	0·28	7	6	7	6	K. P. *o. m.*	C. K. *o. m.*	K. *o.*
11	78·2	80·8	82·1	79·6	80·3	78·2	·892	·945	·975	·939	·938	·891	77	69	67	78	73	77	...	3	4	1	4	C. K. Ks. *o. m.*	K. C. Ck. *m.*	K. C.
12	78·8	79·7	80·9	80·2	80·1	77·9	·918	·900	·932	·961	·928	·875	79	68	66	78	73	75	...	6	3	6	4	K. *m.*	K. Ck. C. *m*	K. C.
13	80·1	81·2	82·0	76·2	80·4	79·4	·973	·965	·985	·848	·943	·941	83	71	70	81	76	80	...	6	3	3	2	C. K. *m.*	K. Ck. C. *m.*	P. K. C. *o. r. l. q*
14	77·9	81·6	83·2	76·8	80·5	74·0	·900	·993	1·038	·888	·955	·760	82	75	72	88	79	74	0·76	8	5	6	8	C. K. Ks. *o. m.*	K. Ck. C. *m. t.*	P. K. C. *r. o. g. l. t. q*
15	77·4	79·2	81·2	80·1	79·7	72·8	·885	·909	·979	·998	·943	·794	83	74	74	90	80	95	0·28	8	7	5	8	P. *o. m.*	K. Ck. C. *o. m.*	K. P. *o. l. r.*
16	79·0	80·2	81·2	80·2	80·5	78·2	·969	·958	·979	·976	·971	·929	92	78	74	83	82	88	0·01	8	6	2	4	C. K. *o. m.*	K. Ck. C. *m.*	K. C. P. *r. l. t.*
17	77·9	80·1	80·7	79·2	79·9	74·9	·897	·940	·950	·928	·929	·798	81	74	72	78	76	78	0·01	7	6	4	4	C. K. Ks. *l. t. r. m.*	C K. *o. m.*	C. K.
18	77·2	80·2	77·6	79·0	78·8	76·0	·919	·969	·934	·959	·945	·868	94	80	95	89	90	90	1·88	8	8	8	7	P. K. C. *t. l. r. o.*	P. C. K *o. m.*	K. C. *o.*
19	76·3	76·1	77·5	77·3	76·8	74·6	·902	·901	·941	·918	·915	·837	98	100	99	93	98	93	14·60	8	8	8	8	P. *o. r. t.*	P. *o. r. t. m.*	P. K. *o.*
20	78·2	78·2	78·2	75·5	77·8	74·4	·950	·954	·952	·878	·934	·832	94	95	95	98	95	93	5·85	8	8	8	8	K. P. *o. m.*	P. *o. r. m.*	K. P. *o. r.*
21	76·1	77·0	76·2	76·2	76·2	74·0	·896	·909	·897	·871	·893	·827	96	93	97	89	94	95	1·10	8	8	8	8	P. *o. r.*	P. *o. r. m.*	P. K. C. *o.*
22	77·3	78·2	80·8	77·2	78·3	74·6	·928	·949	1·040	·923	·960	·836	97	94	96	95	96	93	0·79	8	8	8	8	P. K. *o. m.*	P. *o. r. m.*	P. *o.*
23	76·3	77·2	77·8	76·6	77·2	74·8	·898	·915	·913	·915	·910	·848	96	93	87	99	94	94	5·28	8	8	8	8	P. C. K. *o. m.*	P. *o. r. m.*	P. *o. r.*
24	76·8	78·8	78·0	78·6	78·1	74·7	·916	·974	·916	·957	·941	·844	98	96	86	92	93	94	0·78	8	8	8	8	P. K. C. *o. m*	P. C. K. *o. m.*	K. C. P. *o.*
25	77·2	79·3	80·5	80·0	79·6	76·0	·928	·985	·985	·992	·973	·880	98	95	82	89	91	93	2·49	8	8	8	8	P. *o. m.*	K. P. C. *o. m. r.*	K.
26	78·8	80·1	81·3	79·2	80·2	77·8	·945	·965	1·006	·951	·967	·924	87	80	81	85	83	90	0·24	7	8	8	3	P. K. C. *m.*	K. C. P. *o. m.*	C. K.
27	79·1	81·2	80·6	79·7	80·4	76·6	·954	1·005	·977	·973	·977	·897	87	81	80	86	84	85	0·03	8	7	7	5	P. K. C. *o. m.*	K. C. *o. m.*	K. Ck.
28	79·2	80·3	80·6	79·2	80·1	78·0	·957	·972	·979	·961	·967	·906	87	80	80	85	83	83	0·02	8	8	8	3	P. K. C. *m.*	P. K. C. *o. m.*	K.
29	79·2	80·7	80·2	79·0	80·0	77·8	·977	·993	·958	·959	·972	·920	91	83	78	89	85	86	0·08	8	8	7	7	P. K. C. *o. m.*	P. K. C. *o. m.*	P. K. *o. r.*
30	78·2	80·4	80·5	79·0	79·7	75·8	·926	·969	·969	·948	·953	·839	87	79	78	86	83	82	0·08	8	7	8	6	P. K. C. *o. m.*	K. C. *o. m.*	K.
Mean	75·0	79·7	80·4	78·8	79·6	76·6	·927	·946	·955	·933	·940	·868	87	79	76	84	82	84	34·61	6·90	5·87	5·70	4·90			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·705	29·748	29·664	29·728	29·708	81·7	83·3	85·3	82·9	84·1	87·4	80·3	7·1	142·5	55·1	77·1	3·2	WSW	WSW	WSW	WSW	552
2	·709	·735	·704	·761	·724	81·9	85·6	86·9	83·0	85·1	88·4	80·6	7·8	140·3	51·9	76·4	4·2	WSW	WSW	W	WSW	587
3	·728	·757	·705	·750	·732	81·7	85·8	85·3	81·6	84·3	87·5	80·1	7·4	140·2	52·7	76·0	4·1	WSW	WSW	WSW	WSW	552
4	·713	·746	·709	·767	·730	80·3	85·2	83·9	82·5	83·4	86·1	79·2	6·9	142·5	56·4	75·2	4·0	WSW	SW	WSW	WSW	517
5	·740	·794	·743	788	·765	81·9	86·5	86·7	82·1	84·9	88·2	78·8	9·4	145·9	57·7	76·1	2·7	WSW	WSW	WSW	W	452
6	·771	·811	·760	·817	·787	81·5	85·5	86·7	82·9	84·9	88·5	81·0	7·5	142·3	53·8	76·2	4·8	W	W	WSW	W	351
7	·791	·825	·779	·830	·803	81·7	86·5	88·0	83·0	85·4	89·4	81·4	8·0	144·1	54·7	77·0	4·4	W	W	W	WSW	369
8	·802	·851	·785	·823	·814	81·9	86·3	86·8	83·0	85·3	89·2	81·2	8·0	147·5	58·3	77·0	4·2	W	W	W	W	431
9	·787	·843	·766	·817	·800	82·3	86·5	87·6	83·1	85·6	89·1	82·0	7·1	145·9	56·8	79·1	2·9	W	W	W	W	397
10	·790	·829	·770	·815	·799	81·9	86·3	87·6	83·1	85·3	89·0	81·3	7·7	143·9	54·9	77·0	4·3	W	W	W	WSW	421
11	·779	·827	·768	·792	·792	81·8	80·9	84·7	82·7	83·0	86·4	81·3	5·1	144·1	57·7	77·6	3·7	WSW	WSW	WSW	WSW	440
12	·741	·771	·694	·714	·727	81·9	84·9	85·5	82·7	84·0	87·8	81·1	6·7	146·9	59·1	77·0	4·1	WSW	WSW	SW	WSW	432
13	·666	·703	·614	·638	·652	82·1	84·9	87·0	82·1	84·6	87·9	81·0	6·9	142·5	54·6	77·8	3·2	WSW	WSW	WSW	WSW	539
14	·625	·673	·625	·675	·649	80·8	85·7	81·1	78·7	81·5	85·8	80·5	5·3	120·7	34·9	76·2	4·3	W	WSW	SW	W	453
15	·670	·727	·664	·698	·691	78·1	80·7	82·5	80·7	80·7	82·6	77·0	5·6	131·2	48·6	74·2	2·8	WNW	W	WSW	WSW	433
16	·682	·723	·673	·724	·699	77·9	78·1	80·0	80·3	80·0	84·1	76·3	7·8	140·2	56·1	74·6	1·7	SW	SW	W	W	573
17	·710	·760	·709	·749	·729	80·8	83·8	82·5	81·0	82·3	84·8	76·8	8·0	131·1	46·3	75·9	0·9	W	WSW	WSW	SW	557
18	·716	·757	·714	·779	·737	81·8	84·2	83·5	81·6	82·6	85·5	80·7	4·8	139·7	54·2	77·9	2·8	WSW	WSW	WSW	WSW	471
19	·740	·791	·743	·799	·767	81·3	82·1	85·5	81·9	83·5	86·7	80·0	6·7	144·1	57·4	77·1	2·9	WSW	WSW	WSW	WSW	453
20	·758	·822	·763	·818	·789	81·0	80·5	85·6	81·5	83·0	87·2	79·2	8·0	144·4	57·2	77·2	2·0	WSW	WNW	WSW	WSW	410
21	·790	·839	·803	·835	·816	80·2	83·4	86·2	81·9	83·5	86·7	79·0	7·7	142·7	56·0	75·1	3·9	WSW	WSW	WSW	WSW	318
22	·802	·831	·751	·796	·791	81·0	84·6	86·7	81·9	84·1	86·6	79·1	7·5	143·2	56·6	77·1	2·0	WSW	WSW	WSW	WSW	438
23	·746	·798	·721	·783	·761	79·7	83·8	87·0	81·9	83·8	87·4	79·0	8·4	149·7	62·3	75·6	3·4	W	WSW	W	WSW	397
24	·749	·798	·744	·816	·774	81·1	83·5	86·1	82·1	84·1	88·0	81·0	7·0	145·9	57·9	77·1	3·9	W	W	WSW	WSW	377
25	806	·844	·787	·846	·818	81·3	86·2	87·6	82·8	85·4	89·0	81·1	7·9	145·5	56·5	77·1	4·0	WSW	W	W	W	340
26	·813	·825	·740	·785	·787	80·9	84·7	87·1	81·6	84·4	88·2	80·8	7·4	146·2	58·0	76·2	4·6	W	WSW	W	W	310
27	·727	·755	·695	·744	·726	81·1	84·9	86·6	81·8	84·2	87·4	80·0	7·4	143·5	56·1	77·0	3·0	W	W	W	W	382
28	·699	·748	·685	·746	·714	80·9	84·7	85·7	81·3	84·0	88·1	79·2	8·9	152·6	64·5	76·2	3·0	WSW	W	W	WSW	470
29	·695	·726	·682	·736	·710	78·5	83·7	81·5	79·7	81·9	86·4	78·0	8·4	144·8	58·4	75·9	2·1	W	WSW	SW	WSW	449
30	·719	·753	·688	·730	·721	80·1	78·3	82·7	78·7	80·6	84·3	78·1	6·2	145·5	61·2	75·0	3·1	WSW	WSW	SW	WSW	431
31	·720	·749	·681	·735	·718	80·1	83·5	84·1	81·3	82·8	85·6	77·0	8·6	141·9	56·3	75·1	1·9	W	W	WSW	WSW	603
Mean	29·738	29·779	29·720	29·769	29·749	80·9	84·0	85·3	81·8	83·6	87·0	79·7	7·3	142·6	55·6	76·5	3·3	...	...	...	...	448·5

N.B. + ·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall.	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	78·6	79·2	80·2	79·0	79·6	76·8	·939	·943	·963	·939	·946	·876	87	83	79	83	83	85	0·06	6	8	7	4	P. K. C. *m.*	C. K. *o. m.*	K.
2	78·3	80·7	80·8	79·2	80·1	75·3	·921	·983	·970	·947	·955	·807	85	80	76	84	81	77	0·06	8	6	6	1	P. K. C. *o. m.*	P. K. Ck. C. *m.*	C. K.
3	78·0	80·5	79·9	77·4	79·4	76·4	·910	·964	·949	·884	·927	·861	84	79	78	82	81	84	0·09	3	6	7	6	C. K. *m.*	C. K. Ck. P. *m.*	P. K. *r.*
4	76·3	80·6	79·3	78·9	79·1	75·6	·854	·983	·940	·941	·930	·839	82	81	81	85	82	85	0·86	8	5	5	3	P. C. K. *o. m.*	C. K. P. *o. m.*	C. K.
5	78·4	81·6	81·2	79·6	80·5	74·8	·925	1·014	·991	·979	·977	·810	85	80	78	89	83	82	0·10	5	5	4	4	C. K. *m.*	K. C. Ck. *o. m.*	K.
6	79·1	80·5	80·6	78·9	80·1	77·6	·963	·875	·963	·935	·934	·902	89	80	76	83	82	85	0·01	4	3	6	2	K. C. *m.*	K. C. Ck. *m.*	C. K.
7	78·4	81·1	81·2	79·1	80·3	76·7	·928	·990	·973	·942	·958	·856	86	78	73	83	80	80	...	3	5	4	0	K. C. Cs. *o. m.*	K. Ck. C. *m.*	
8	78·4	80·5	80·6	78·5	79·8	77·1	·925	·964	·962	·916	·942	·877	85	77	75	81	80	83	0·02	4	6	6	5	K. Ck. C. *m.*	P. K. Ck. C. *m.*	C. K.
9	78·5	80·2	80·5	78·6	79·6	77·6	·925	·947	·936	·920	·932	·888	84	75	73	81	88	81	0·01	8	7	5	0	P. K. C. *o. m.*	C. K. Cs. *o. m.*	K.
10	78·2	80·2	80·1	78·2	79·5	77·0	·916	·950	·927	·900	·923	·871	84	76	71	79	78	82	...	4	4	4	2	K. Ck. *m.*	C. K. *m.*	C. K.
11	77·6	78·1	79·2	78·4	78·3	77·1	·891	·928	·924	·914	·914	·874	82	88	77	82	82	82	0·17	6	8	7	4	K. C. *m.*	P. K. Ck. C. *r. o. m.*	C. K.
12	78·1	79·8	81·3	78·4	79·8	76·4	·913	·950	1·013	·914	·946	·847	84	79	82	82	83	79	0·14	8	7	7	4	K. C. *m. o.*	C. Ck. K. *o. m.*	C. K.
13	78·4	79·6	80·6	79·8	79·9	77·4	·921	·942	·958	·937	·952	·893	84	78	74	90	82	85	0·20	7	7	6	5	K. Ck. C. *o. m.*	C. K. *m. r. o.*	P. K. C.
14	76·9	81·0	78·1	78·2	78·5	76·0	·873	·995	·923	·960	·938	·838	83	81	87	98	85	80	0·93	8	8	8	8	K. Ck. C. *o. m*	P. C. Ck. *o. r. m.*	C. K. C. *o.*
15	77·0	78·2	79·2	77·9	78·5	74·6	·915	·933	·955	·920	·931	·825	95	89	86	88	90	89	1·43	8	8	8	6	P. *o. r.*	P. K. C. *o. m.*	C. K
16	77·4	77·7	77·9	78·6	78·5	74·9	·934	·946	·929	·956	·941	·847	98	98	91	92	95	93	2·69	8	8	8	8	P. K. C. *m. o.*	P. K. C. *m. o. r.*	P. K. C. *o.*
17	78·2	79·7	78·6	78·8	78·9	75·4	·932	·961	·927	·957	·944	·862	89	83	83	90	86	93	0·54	8	8	8	8	P. K. C. *m. o*	P. K. C. *m. o. r.*	P. K. C. *r. o.*
18	78·5	80·2	79·7	78·5	79·3	77·1	·932	·978	·965	·935	·952	·884	86	83	84	87	85	85	0·15	8	6	8	6	P. K. Ck. *m. o.*	P. K. C. *m. o.*	C. K.
19	78·5	79·9	80·3	78·5	79·7	76·3	·939	·992	·966	·930	·957	·858	88	90	79	85	86	84	0·07	8	8	6	6	P. K. C. *o.*	P. K. Ck. C. *m. o.*	C. Ck. K.
20	78·2	78·5	80·2	78·1	79·3	76·1	·929	·950	·959	·917	·939	·860	88	91	78	85	86	87	0·02	8	8	4	1	P. K. Ck. *m. o.*	P. K. C. *m. o. r.*	C. K.
21	77·3	78·6	80·3	78·4	79·0	76·8	·899	·916	·955	·925	·924	·893	87	80	76	85	82	90	...	6	8	6	7	P. K. C. *m.*	P. C. K. *m. r. o.*	P. C. K.
22	77·8	80·1	81·1	78·2	79·6	76·5	·911	·968	·988	·916	·946	·879	86	81	78	84	82	89	...	6	5	6	4	K. Ck. C. *m.*	K. Ck. C. *m.*	C. K.
23	77·7	79·4	80·6	78·0	79·4	76·2	·924	·945	·958	·907	·934	·867	91	81	74	83	82	88	0·07	7	7	6	2	P. K. *o.*	K. Ck. C. *m.*	C. K.
24	78·0	79·1	80·2	78·8	79·5	76·4	·919	·936	·952	·942	·937	·850	87	81	76	86	83	80	...	5	6	8	7	C. K. *m.*	P. K. C. *m. o.*	C. K.
25	78·4	81·4	81·3	79·1	80·5	76·9	·933	1·008	·986	·945	·968	·870	87	80	75	84	82	82	...	7	6	5	6	K. Ck. C. *m.*	P. Ck. C. K. *m.*	C. K.
26	77·6	79·4	80·5	78·9	79·5	76·1	·897	·935	·953	·920	·926	·838	86	78	74	88	81	79	0·21	6	6	7	8	C. K. *m.*	P. C. Ck. K. *m.*	K. C. *o.*
27	77·9	80·8	80·7	78·2	79·8	76·9	·914	·997	·968	·918	·949	·885	86	83	76	85	83	87	0·06	8	6	6	6	P. C. K. *m.*	P. Ck. K. C. *m.*	C. K.
28	78·1	80·0	80·2	77·2	79·4	75·9	·927	·962	·958	·880	·957	·851	88	80	78	83	82	86	0·11	7	4	6	8	K. Ck. C. *m.*	P. K. Ck. C. *m.*	K. C. *o.*
29	76·6	79·8	79·2	77·9	78·8	75·4	·891	·966	·970	·933	·940	·847	91	83	90	92	89	89	0·42	8	7	8	6	P. K. *o. m.*	P. C. Ck. K. *m. r. o.*	C. K.
30	77·9	76·7	79·2	78·1	78·4	75·1	·927	·899	·951	·956	·933	·832	90	93	85	98	92	86	1·50	4	8	8	8	K. *m.*	P. C. K. *m. o.*	P. K. C. *o.*
31	78·2	80·5	80·2	79·2	79·9	75·4	·940	1·002	·978	·971	·973	·860	91	87	83	91	88	93	0·83	8	8	8	8	P. *m. o.*	C. Ck. K. *o. m.*	P. K. C. *o*
Mean	78·0	79·8	80·1	78·5	79·5	76·3	·918	·959	·959	·932	·943	·860	87	82	79	86	84	85	10·75	6·68	6·52	6·39	4·94			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·727	29·768	29·690	29·736	29·729	81·1	84·0	83·3	82·1	83·1	86·2	80·1	6·1	145·9	59·7	76·0	4·1	W	W	WSW	WSW	534
2	·697	·730	·640	·679	·684	79·2	82·1	83·0	78·9	80·7	84·1	79·0	5·1	141·5	57·4	76·0	3·0	WSW	WSW	WSW	W	448
3	·642	·706	·636	·698	·669	80·9	83·5	85·7	81·1	83·2	86·3	77·1	9·2	150·5	64·2	74·8	2·8	WNW	WNW	W	WSW	396
4	·689	·744	·694	·776	·723	79·5	82·9	85·5	81·8	83·2	86·2	79·7	6·5	147·4	61·2	75·0	4·7	WSW	W	WN W	WSW	270
5	·738	·789	·696	·744	·739	78·7	82·9	83·5	80·7	81·9	86·8	78·7	8·1	144·9	58·1	74·9	3·8	W	W	W	W	349
6	·696	·726	·653	·716	·693	80·7	84·7	86·4	81·9	84·0	87·2	80·0	7·2	143·5	56·3	76·1	3·9	W	W	W	WSW	417
7	·676	·728	·678	·739	·705	81·6	84·7	84·7	82·0	84·0	87·0	81·2	5·8	143·4	56·4	76·9	4·3	WSW	WSW	W	WSW	551
8	·714	·758	·693	·767	·728	81·1	84·5	86·5	82·1	84·4	88·0	81·0	7·0	144·5	56·5	77·0	4·0	WSW	W	W	WSW	464
9	·731	·777	·719	·781	·748	80·9	81·3	85·3	81·7	82·5	86·4	80·1	6·3	149·1	62·7	75·6	4·5	WSW	W	WSW	WSW	495
10	·768	·818	·741	·767	·771	79·7	83·7	85·7	80·3	83·1	86·2	77·0	9·2	143·1	56·9	73·1	3·9	W	W	WSW	WSW	421
11	·711	·772	·684	·727	·720	77·5	78·5	85·7	80·7	81·3	86·1	76·4	9·7	143·9	57·8	74·3	2·1	W	NW	W	SW	299
12	·692	·720	·678	·749	·703	78·7	83·1	81·7	78·1	80·9	85·6	77·4	8·2	151·0	65·4	73·3	4·1	SW	SW	W	SSW	243
13	·723	·762	·707	·749	·731	79·9	84·2	85·9	81·6	83·6	87·1	77·7	9·4	141·9	54·8	76·0	1·7	W	W	W	W	358
14	·722	·776	·722	·769	·744	81·1	84·5	85·5	81·0	83·6	87·4	80·7	6·7	146·4	59·0	77·9	2·8	W	W	W	W	443
15	·715	·761	·705	·759	·731	80·1	83·9	84·1	80·5	83·1	87·2	79·0	8·2	153·5	66·3	76·2	2·8	W	W	WNW	W	404
16	·719	·761	·687	·765	·728	79·9	80·7	83·6	80·6	82·2	86·9	78·1	8·8	142·2	55·3	75·0	3·1	W	WSW	W	W	383
17	·747	·793	·729	·801	·764	80·3	83·9	85·7	81·6	83·6	86·9	78·0	8·9	148·2	61·3	76·0	2·0	WSW	WSW	W	WSW	406
18	·770	·837	·760	·811	·791	80·5	84·3	83·5	81·5	82·8	86·7	80·2	6·5	148·5	61·8	76·0	4·2	WSW	SW	WSW	WSW	427
19	·769	·825	·751	·801	·782	80·7	84·3	85·8	81·7	83·8	87·3	80·0	7·3	145·2	57·9	76·2	3·8	WSW	SW	SW	WSW	407
20	·756	·803	·742	·812	·775	80·7	84·3	86·5	81·8	84·1	87·4	80·4	7·0	150·9	63·5	76·0	4·4	WSW	WSW	WSW	WSW	359
21	·818	·869	·817	·873	·842	80·8	84·5	87·2	81·6	84·4	87·9	80·8	7·1	147·1	59·2	79·8	1·0	WSW	WSW	W	WSW	310
22	·867	·916	·824	·883	·869	80·1	84·3	87·1	82·1	84·2	88·1	80·0	8·1	147·7	59·6	74·2	5·8	W	WNW	WNW	WNW	214
23	·854	·899	·799	·849	·845	80·3	84·6	87·1	81·7	84·2	87·7	80·1	7·6	145·6	57·9	73 8	6·3	WNW	NW	WNW	WNW	176
24	·815	·862	·791	·844	·825	79·3	84·3	86·7	82·0	83·9	87·4	79·2	8·2	149·7	62·3	72·8	6·4	WNW	NW	WNW	WNW	190
25	·832	·885	·808	·849	·841	80·9	84·7	85·4	82·0	83·6	86·4	81·0	5·4	154·5	68·1	76·0	5·0	W	WNW	WNW	W	294
26	·825	·880	·815	·884	·846	80·5	82·9	84·7	76·9	82·3	87·1	80·2	6·9	154·5	67·4	74·8	5·4	W	W	WNW	NE	315
27	·845	·898	·808	·874	·853	77·3	77·9	79·3	76·2	78·1	82·0	77·2	4·8	138·0	56·0	70·5	6·7	SSE	SE	NNW	WNW	198
28	·828	·873	·779	·818	·822	75·7	77·2	78·8	78·3	77·5	79·3	74·6	4·7	140·5	61·2	73·3	1·3	N	NNW	WNW	WNW	243
29	·784	·804	·721	·804	·772	77·9	79·7	82·7	80·8	80·7	83·2	76·0	7·2	141·3	58·1	74·0	2·0	N	ENE	NW	WNW	258
30	·767	·810	·740	·807	·777	80·1	79·1	75·7	75·5	77·2	81·6	77·0	4·6	96·3	14·7	76·4	0·6	WNW	WNW	NW	WNW	400
31	·767	·824	·700	·750	·755	76·6	77·1	79·1	79·5	78·2	81·2	75·0	6·2	125·3	44·1	74·1	0·9	W	SSW	WNW	W	269
Mean	29·755	29·802	29·729	29·786	29·765	79·8	82·7	84·2	80·6	82·4	86·0	78·3	7·2	144·1	58·1	75·2	3·6	...	...	...	...	352·9

N.B.—+·012 is to added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	78·2	80·7	80·0	79·2	79·5	75·8	·927	1·005	·974	·959	·966	·835	87	86	86	87	87	81	0·01	8	7	8	8	P. C, K. *o. m.*	P. C. Ck. K. *o. m.*	P. K. C. *o.*
2	77·9	78·2	80·2	77·2	78·5	75·8	·940	·913	·995	·912	·940	·849	94	83	88	92	89	86	0·99	8	8	8	8	P. *o. m. r.*	P. C. Ck. K. *o. m. r.*	P. K. C. *o. r.*
3	78·2	79·9	80·2	79·2	79·5	75·3	·930	·974	·957	·973	·959	·855	88	85	78	91	86	92	0·34	8	8	5	4	K. Ck. C. *o. m.*	K. Ck. C. *o. m.*	C. K.
4	78·0	79·2	79·1	78·2	78·9	77·2	·940	·948	·976	·918	·945	·901	93	84	93	85	89	89	...	4	8	5	4	K. Ck. C. *m.*	K. Ck. C. *o. m.*	C. K.
5	75·3	80·2	78·8	77·9	78·1	74·8	·832	·995	·923	·920	·918	·811	84	88	80	88	85	82	0·07	6	6	8	3	P. K. C. *m.*	P. K. Ck, C. *o. m*	K. C.
6	77·2	80·2	80·5	78·2	79·5	76·7	·888	·971	·962	·916	·934	·876	85	81	76	84	82	86	0·02	4	4	6	4	K. C. Ck. *m.*	P. K. Ck. C. *m.*	C. K.
7	77·7	80·2	80·2	78·3	79·4	75·9	·898	·971	·972	·918	·940	·824	83	81	81	84	82	77	...	8	4	8	0	P. K. C. *o. m.*	P. K. C. *o. m.*	K.
8	78·0	80·2	80·3	78·2	79·7	76·8	·919	·974	·952	·913	·940	·866	87	82	75	83	84	82	...	4	6	6	1	K. Ck. *m.*	P. K. Ck. C. *m.*	K.
9	78·2	78·2	80·6	78·2	79·1	76·5	·930	·925	·981	·919	·939	·866	86	87	81	85	85	85	0·08	6	5	6	2	P. K. C. *m.*	P. Ck. C. K. *o. m.*	K.
10	77·7	80·0	80·1	76·2	78·9	74·4	·924	·974	·954	·850	·926	·818	91	84	78	82	84	88	0·32	6	4	4	2	P. K. Ck. *m.*	P. K. Ck. *m.*	K. C.
11	76·2	77·2	80·2	77·6	78·1	74·5	·888	·919	·958	·907	·918	·830	94	94	78	87	88	91	0·27	8	8	5	2	P. K. C. *o. m.*	P. K. C. *o. m.*	K. C.
12	76·4	78·2	77·8	76·2	77·3	75·7	·880	·900	·901	·879	·890	·867	90	79	83	91	86	92	0·31	4	4	8	8	P. K. Ck. *m.*	P. K. Ck. Ks. C. *o. m.*	P. *o.*
13	77·2	80·4	81·2	78·1	79·5	75·1	·898	·986	1·002	·923	·952	·838	88	84	81	85	85	89	...	4	8	7	0	P. K. Ck. *m.*	K. C. *o. m.*	K. C.
14	78·0	79·3	78·4	76·2	78·6	76·0	·919	·931	·878	·840	·892	·835	87	78	72	79	79	79	...	8	4	7	7	K. Ck. C. *o. m.*	P. K. C. *o. m.*	K. C.
15	76·2	78·2	79·7	78·2	78·7	75·9	·852	·889	·957	·935	·908	·854	82	76	81	90	82	87	0·28	7	6	7	7	K. C. *o. m.*	C. Ck. K. *o. m.*	P. K. C.
16	77·8	78·2	80·2	78·4	79·1	75·2	·926	·933	·985	·942	·947	·836	91	89	85	90	89	86	0·19	4	8	8	7	P. K. Ck. *m.*	P. K. C. *m. r. o.*	P. C. K.
17	78·0	79·9	79·4	77·7	79·0	75·8	·929	·968	·920	·898	·929	·863	90	83	75	83	83	90	0·03	8	4	6	1	K. C. *m. o.*	K. Ck. C. *m. o.*	K. C.
18	77·0	79·2	78·5	77·1	78·4	75·7	·882	·930	·909	·872	·898	·829	85	79	79	81	81	80	0·09	3	7	8	5	K. Ck. C. *m.*	P. K. C. *m. r. o.*	K. C.
19	77·9	79·2	80·2	77·7	79·0	75·9	·920	·930	·956	·897	·926	·841	88	79	78	83	82	82	...	8	7	6	7	P. K. C. *m. o.*	P. K. C. *m.*	K. C.
20	77·9	79·2	79·7	77·4	79·0	76·2	·919	·930	·924	·881	·914	·848	88	79	73	83	81	81	...	5	5	4	6	K. Ck. C. *m.*	C. Ck. K. *m.*	K. C.
21	77·2	79·7	80·2	77·9	79·2	76·4	·887	·951	·937	·907	·920	·851	85	80	72	84	80	80	...	3	4	4	0	K. C. *m.*	K. Ck. Ks. C. *m.*	K. C.
22	77·2	78·3	79·0	78·0	78·3	76·7	·896	·888	·883	·905	·893	·876	87	75	69	83	79	86	...	4	3	1	2	P. K. Ck. *m.*	K. Ck. K. *m.*	K. C.
23	77·2	78·2	78·2	76·2	77·8	76·0	·894	·879	·845	·831	·862	·844	87	74	65	77	76	82	...	6	4	3	2	P. K. C. Ck. *m.*	K. Ck. C. *m.*	K.
24	76·2	78·2	78·2	77·0	77·6	75·6	·863	·884	·851	·862	·865	·839	87	75	67	79	77	85	...	7	6	4	0	P. K. C. *m.*	C. Ck. K. *m.*	C.
25	76·8	78·2	78·3	77·0	77·7	76·3	·868	·878	·875	·862	·871	·844	83	74	72	79	77	79	...	6	7	8	8	P. K. C. *m.*	K. Ck. C. *o. m.*	K. C. *o.*
26	76·1	79·0	78·0	75·0	77·3	74·4	·842	·939	·869	·844	·899	·775	80	83	73	91	82	75	0·09	8	8	8	8	K. C. *o. m.*	C. Ck. K. *m. o.*	P. *o.*
27	74·4	74·9	74·7	75·4	75·0	69·7	·813	·826	·799	·871	·827	·626	86	86	80	97	87	67	0·45	8	8	8	8	P. K. C. *o. m.*	P. K. C. *o. r.*	P. K. *r. o.*
28	74·8	76·2	75·8	76·1	75·8	73·0	·851	·892	·852	·872	·867	·792	95	95	87	90	92	93	0·76	8	8	8	8	P. K. C. *m. o.*	P. K. C. *r. o.*	K. C. *o.*
29	76·3	78·5	78·5	77·9	78·1	73·9	·887	·960	·919	·918	·921	·810	93	95	82	87	89	91	0·21	8	8	7	6	P. K. C. *m. r. o.*	P. K. C. *o. m.*	K. C.
30	77·9	77·5	75·1	75·1	76·1	75·0	·927	·924	·865	·867	·896	·843	90	93	98	98	95	91	2·93	8	8	8	8	P. K. *m. r. o.*	P. *m. o. r.*	P. K. *o.*
31	76·2	76·2	76·5	78·8	77·0	73·2	·900	·923	·879	·977	·920	·795	98	95	89	97	95	92	3·34	8	8	8	8	P. K. C. *o. m.*	P. K. C. *m. o. r.*	P. *r. o. t. l.*
Mean	77·1	78·7	79·0	77·4	78·3	75·3	·896	·933	·923	·900	·914	·833	88	83	79	86	84	85	10·78	6·29	6·23	6·36	4·56			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·735	29·773	29·685	29·736	29·726	77·3	81·9	84·0	79·9	80·8	84·1	75·2	8·9	142·5	58·4	72·5	2·7	W	WNW	W	W	374
2	·704	·733	·649	·739	·699	79·3	82·5	84·3	81·1	82·2	85·5	78·4	7·1	145·3	59·8	76·0	2·4	W	W	W	WSW	428
3	·699	·754	·696	·769	·726	80·1	80·3	81·3	80·6	81·4	85·0	79·5	5·5	151·5	66·5	76·1	3·4	SSW	SSW	WSW	SSW	328
4	·732	·788	·709	·782	·747	77·9	81·9	84·0	80·8	81·7	85·8	77·6	8·2	146·6	60·8	76·0	1·6	SSW	SSE	WSW	SSE	255
5	·721	·781	·685	·777	·736	79·1	82·7	86·3	80·7	82·9	86·3	79·0	7·3	147·5	61·2	74·6	4·4	SSE	SSE	WSW	W	236
6	·727	·779	·670	·774	·731	78·5	82·9	85·5	81·0	82·8	86·3	78·4*	7·9	151·2	64·9	75·2	3·2	W	WNW	WNW	WNW	152
7	·749	·804	·710	·793	·757	80·1	83·5	85·5	81·3	83·3	86·3	79·0	7·3	150·0	63·7	75·0	4·0	NW	NNW	NW	NW	261
8	·786	·830	·758	·812	·792	79·7	84·1	86·3	80·8	83·4	87·4	79·9	7·5	150·1	62·7	74·6	5·3	NW	NW	WNW	WNW	222
9	·811	·851	·774	·838	·818	80·1	84·3	86·3	79·3	83·3	87·8	79·0	8·8	155·9	68·1	76·0	3·0	W	W	W	W	298
10	·820	·864	·773	·836	·817	79·3	83·5	80·7	79·9	81·8	85·8	78·9	6·9	148·9	63·1	74·6	4·3	W	WSW	W	WSW	378
11	·780	·836	·773	·836	·802	76·5	81·3	85·3	80·6	82·0	86·6	75·7	10·9	154·7	68·1	74·0	1·7	S	W	W	W	311
12	·813	·874	·821	·885	·844	79·9	83·6	86·1	80·7	83·5	87·4	80·0	7·4	149·1	61·7	75·2	4·8	WSW	WSW	W	WSW	324
13	·873	·943	·864	·929	·899	78·7	83·0	85·7	80·5	82·6	86·3	78·3	8·0	144·9	58·6	74·1	4·2	SW	WNW	W	W	206
14	·909	·952	·850	·913	·900	79·5	83·1	86·5	80·0	83·1	86·8	79·2	7·6	145·9	59·1	74·0	5·2	WNW	NW	WNW	W	161
15	·894	·936	·837	·919	·889	78·7	81·7	85·7	80·5	82·7	86·8	78·6	8·2	151·7	64·9	73·1	5·5	WNW	WNW	WNW	WNW	176
16	·898	·955	·836	·907	·893	78·7	81·9	86·7	80·9	83·0	87·4	78·6	8·8	149·6	62·2	71·9	6·7	ESE	E	WNW	NNW	204
17	·900	·946	·826	·901	·885	78·2	82·0	87·1	81·5	83·2	87·4	78·0	9·4	151·4	64·0	71·5	6·5	NE	ENE	NW	NNW	273
18	·879	·931	·815	·904	·873	79·3	83·7	86·3	81·7	83·6	87·3	79·0	8·3	148·5	61·2	73·0	6·0	NE	NE	NW	NNW	288
19	·884	·912	·808	·892	·866	79·3	82·3	84·5	81·7	83·0	87·4	79·2	8·2	152·2	64 8	75·6	3·6	NNE	NNW	NW	N	239
20	·883	·936	·795	·859	·861	78·7	81·3	85·5	82·3	82·8	86·8	78·6	8·2	144·3	57·5	74·2	4·4	NE	NE	NW	NW	223
21	·823	·868	·731	·818	·797	81·5	85·5	84·5	81·3	84·1	87·8	81·0	6·8	150·8	63·0	77·0	4·0	NW	NNW	NW	NNW	284
22	·789	·863	·747	·809	·795	80·5	81·3	85·1	79·7	82·6	87·2	80·1	7·1	153·2	66·0	76·4	3·7	NE	WNW	NW	NE	268
23	·798	·824	·686	·790	·761	77·5	81·1	85·8	78·9	81·9	86·0	76·8	9·2	148·3	62·3	75·0	1·8	NW	N	NNW	SSE	349
24	·745	·794	·738	·773	·750	78·5	82·8	84·2	79·6	82·4	87·4	77·1	10·3	146·3	58·9	75·1	2·0	NNW	ENE	NNW	ENE	225
25	·784	·815	·718	·799	·770	78·1	82·2	87·0	79·2	82·7	88·0	78·0	10·0	147·2	59·2	74·5	3·5	SW	SSE	WSW	SE	191
26	·779	·829	·756	·827	·784	78·0	82·7	84·6	79·6	82·5	87·6	77·9	9·7	144·3	56·7	75·2	2·7	E	N	W	SSE	259
27	·822	·858	·761	·836	·811	78·3	81·1	82·5	79·5	80·7	83·2	74·0	9·2	143·5	60·3	73·3	0·7	SE	SE	SSW	ESE	202
28	·821	·877	·772	·840	·820	78·0	81·9	84·3	81·3	82·4	86·2	78·9	7·3	151·9	65·7	76·0	2·9	SSE	SE	SW	SSW	212
29	·853	·890	·757	·868	·830	79·7	82·2	87·7	76 7	82·8	88·2	79·2	9·0	150·7	62·5	76·2	3·0	SSE	ESE	NW	NNE	225
30	·837	·905	·772	·889	·841	77·7	82·3	87·4	75·9	82·1	87·6	76·1	11·5	142·5	54·9	74·3	1·8	SW	ENE	WNW	N	192
Mean	29·808	29·857	29·759	29·835	29·807	78·9	82·5	85·2	80·3	82·6	86·7	78·3	8·4	148·7	62·0	74·7	3·6	...	...	...	...	258·1

N.B.—+ ·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	77·0	79·2	80·2	77·7	78·7	73·6	·925	·962	·980	·921	·947	·818	99	88	84	90	90	93	1·04	8	8	7	0	P. *m. o. r.*	P. K. Ck. C. *m. r. o.*	K.
2	77·7	79·5	80·2	78·2	79·0	76·0	·930	·968	·976	·927	·950	·866	93	87	83	87	88	89	0·02	8	8	5	5	P. K. C. *m. o.*	P.K.C.Ck.*m.o.*	P.K.C.K.
3	78·0	79·1	79·0	78·0	79·0	76·0	·932	·966	·962	·926	·947	·852	91	95	90	89	91	85	0·14	6	6	8	5	K. C. *m.*	P.K.Ck.C.*m.o.*	K. C.
4	77·0	79·3	79·7	78·9	79·1	75·9	·917	·967	·958	·964	·952	·872	95	89	82	91	89	92	0·36	8	7	6	4	K. C. *o. m.*	P. K.Ck.C. *m.*	P. *r.*
5	77·9	80·3	80·6	78·2	79·4	77·0	·941	1·002	·968	·933	·961	·902	94	89	77	89	87	91	0·05	5	4	4	0	K. C. *m.*	K. Ck. C. *m.*	K.
6	77·4	79·2	78·8	76·7	78·3	76·8	·927	·948	·895	·962	·933	·902	95	84	73	82	84	93	...	6	5	4	0	C. K. *m.*	K. Ck. C. *m.*	
7	76·6	78·4	78·5	77·1	77·8	75·5	·870	·904	·882	·875	·883	·837	85	79	72	82	79	85	...	8	7	6	0	K. C. *m. o.*	K. C. Ck. *m.*	
8	76·2	78·2	79·2	77·1	78·0	75·7	·858	·886	·903	·882	·882	·833	85	75	72	84	79	81	...	3	4	6	0	K. C. *m.*	K. C. Ck. *m.*	
9	77·0	79·7	79·2	77·0	78·6	76·0	·888	·954	·903	·898	·911	·858	87	81	72	90	83	87	0·05	8	6	7	8	P. K. *m. r. o.*	K.Ck.Cs.C. *m*	P. *o. r.*
10	77·2	79·6	78·0	77·3	78·3	74·3	·907	·960	·924	·903	·924	·788	91	83	88	89	88	90	0·16	6	4	7	3	K. Ck. *m.*	P.K.Ck.C.*m.r.*	K. C.
11	75·5	77·7	80·2	76·6	78·0	74·1	·871	·963	·963	·863	·900	·824	95	85	79	83	86	93	0·63	8	8	6	1	P. K. C. *m. o.*	P.K.Ck.C.*m.o.*	K. C.
12	77·2	79·1	80·1	77·0	78·9	76·1	·898	·935	·947	·879	·915	·850	88	81	76	84	82	82	0·01	4	5	4	0	K. C. *m.*	K. C. Ck. *m.*	K. C.
13	77·2	77·9	78·5	76·8	78·1	75·8	·915	·889	·879	·873	·889	·859	93	79	71	84	82	89	0·04	6	5	4	2	P. K. C. *m.*	P. K. Ck.C.*m.*	K. C.
14	76·4	77·4	78·7	76·6	77·6	75·7	·869	·864	·878	·871	·871	·843	87	76	69	85	79	85	...	3	3	4	1	P. K. C. *o. m.*	K. Ck. C. *m.*	K.
15	75·1	77·6	77·6	75·9	76·9	74·4	·824	·893	·839	·834	·848	·796	84	83	68	80	79	81	...	7	5	7	1	P. K. C. *m.*	K. Ck. C. *m.*	K. C.
16	77·0	77·4	77·2	75·1	77·0	74·8	·906	·880	·870	·795	·863	·812	92	81	63	75	78	83	...	6	2	2	1	P. K. Ck. *m.*	K. Ck. *m.*	K. C.
17	76·1	77·0	77·2	75·2	76·5	74·7	·874	·862	·801	·791	·832	·816	91	79	62	74	77	85	...	6	3	2	1	P. K. C. *m.*	P. K. Ck. *m.*	K. C.
18	75·3	77·4	78·2	76·4	77·3	74·0	·825	·856	·857	·839	·844	·774	82	74	68	77	75	78	...	5	4	4	4	K. Ck. *m.*	K. Ck. C. *m.*	K. C.
19	76·2	78·2	79·3	78·8	78·7	75·6	·863	·911	·931	·947	·913	·839	87	83	78	87	84	85	...	8	8	7	8	P.K. Ck. C. *m.*	P.K.Ck.C. *m.*	K.C. *o.t.l.*
20	77·0	79·2	80·3	79·2	79·1	75·8	·906	·971	·964	·957	·950	·855	92	91	79	87	87	88	...	3	6	5	3	P. K. C. *m.*	K. Ck. C. *m.*	K. C. Ck.
21	78·8	80·2	80·2	79·2	79·9	77·7	·950	·960	·973	·971	·964	·907	88	78	82	91	85	86	...	8	7	8	8	K. C. Ck. *m.o.*	K.Ck.C. *m.o.t.*	K. C. *o.*
22	79·2	78·2	80·2	76·8	79·1	77·4	·981	·925	·965	·884	·939	·904	94	87	79	87	87	88	0·02	8	8	8	8	P. K. C. *m. o.*	P.K.C. *m. o. r.*	K.C. *t.l.o.*
23	76·2	78·0	81·3	76·8	78·8	74·7	·888	·919	1·008	·895	·927	·833	94	87	81	91	88	91	1·33	8	8	6	8	P. K. C. *m. o.*	K. C. *m. o.*	P. *o. t. l.*
24	77·5	79·7	80·6	77·3	79·3	74·4	·932	·975	·997	·907	·953	·816	95	87	85	90	89	85	0·02	8	6	8	7	P.K.Ck C.*m o.*	P.K.C. *m.o.t.r.*	K. C. *l.*
25	77·1	79·8	81·4	76·8	79·4	74·9	·919	·986	·998	·890	·948	·825	95	89	78	89	88	86	0·05	3	5	4	7	K. C. *m.*	K. C. *m.*	K. C. *t. l.*
26	77 2	79·3	80·6	78·2	79·4	74·0	·924	·980	·991	·947	·961	·787	96	87	83	93	90	82	0·43	8	4	7	8	P. K. *m. o. r.*	P.K.Ck.C.*m.t.*	P.*o.r.t.l.g.*
27	76·4	77·2	78·5	78·0	77·8	72·0	·885	·882	·922	·940	·907	·759	91	83	83	93	88	90	...	8	8	7	8	K. Ck.C. *m.o.*	P.K.C. *o. m. t.*	K.C.*o.l.t.*
28	76·7	78·0	80·2	79·2	79·1	75·8	·890	·907	·976	·971	·936	·851	88	83	83	91	86	87	...	8	8	8	5	P. K. C. *m. o.*	P.K.Ck.C. *o t.*	K. C.
29	78·4	79·8	82·2	75·9	79·7	76·9	·955	·987	1·027	·886	·964	·895	94	89	78	97	89	90	0·84	4	6	4	8	K. Ck. C. *m.*	K. C. *m.*	P. *o. t.l. r.*
30	76·5	79·3	82·0	74·7	78·8	74·7	·898	·961	1·021	·844	·931	·841	94	87	78	94	88	93	1·41	8	4	6	8	K. *m. o.*	K. Ck. C. *m.t.*	P.*o.r.t.l.g.*
Mean	77·0	78·7	79·6	77·2	78·5	75·3	·902	·932	·939	·899	·918	·840	91	84	77	87	85	87	6·60	6·60	5·73	5·70	4·07			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·868	29·898	29·775	29·863	29·834	77·0	80·1	82·3	77·7	80·3	86·2	75·0	11·2	150·5	64·3	73·3	1·7	ESE	ESE	WSW	SSW	194
2	·824	·893	·797	·858	·835	78·7	82·5	82·1	81·0	81·7	84·9	77·0	7·9	150·1	65·2	75·4	1·6	ESE	SSE	SSW	SSE	465
3	·875	·933	·825	·924	·878	79·8	81·1	83·3	80·8	81·9	84·5	79·0	5·5	148·3	63·8	75·7	3·3	SE	SSE	S	SE	600
4	·874	·947	·839	·887	·877	78·8	82·3	82·1	81·0	81·4	83·7	78·7	5·0	128·7	45·0	76·1	2·6	SSE	SSE	S	SSE	583
5	·859	·917	·770	·795	·830	76·3	77·5	78·8	78·9	78·0	82·4	75·0	7·4	95·3	12·9	73·5	1·5	SSE	SSE	S	SSE	587
6	·746	·800	·710	·774	·750	77·9	77·1	80·0	79·1	78·8	80·8	76·1	4·7	118·4	37·6	74·9	1·2	SSE	SSE	S	SSE	792
7	·764	·823	·760	·831	·790	76·7	79·1	78·1	79·5	78·7	81·2	76·0	5·2	143·3	62·1	74·8	1·2	SSE	SSE	SSW	S	411
8	·818	·880	·780	·862	·826	76·2	79·9	84·6	79·4	80·7	84·8	75·2	9·6	142·5	57·7	72·9	2·3	ESE	S	WNW	ESE	176
9	·852	·908	·785	·853	·840	76·6	81·1	85·7	80·9	81·9	86·4	76·2	10·2	145·8	59·4	73·5	2·7	ESE	SE	WNW	NNW	172
10	·865	·890	·771	·861	·838	79·7	81·8	85·7	78·7	82·1	86·0	79·7	6·3	145·3	59·3	77·0	2·7	NNE	ESE	NW	SE	215
11	·837	·881	·748	·840	·815	79·2	82·4	86·2	81·7	83·1	86·4	78·3	8·1	147·9	61·5	74·5	3·8	S	SE	W	NW	145
12	·845	·892	·775	·891	·842	79·3	82·9	85·9	81·5	83·4	87·3	79·0	8·3	147.1	59·8	74·8	4·2	ESE	ESE	WNW	SSE	210
13	·921	·983	·872	·963	·925	79·7	83·4	85·3	82·2	83·5	87·6	79·8	7·8	146·0	58·4	74·8	5·0	SE	SE	W	WNW	181
14	·909	·949	·832	·888	·887	79·2	82·4	86·3	81·7	83·2	87·4	79·2	8·2	149·9	62·5	72·7	6·5	ESE	ESE	WNW	NW	176
15	·858	·890	·769	·860	·831	79·7	82·5	85·8	81·7	83·3	87·0	79·6	7·4	153·3	66·3	74·2	5·4	ENE	ENE	NW	N	210
16	·852	·891	·779	·867	·837	79·0	84·5	86·8	82·6	84·0	88·4	79·0	9·4	148·3	59·9	71·9	7·1	NE	NE	NW	N	173
17	·872	·923	·801	·933	·867	79·3	82·6	85·8	76·2	81·8	87·2	79·0	8·2	149·5	62·3	72·6	6·4	SE	SE	S	NNE	154
18	·873	·936	·832	·906	·878	78·0	80·4	85·8	80·5	81·6	85·8	75·2	10·6	152·7	66·9	72·4	2·8	ESE	E	W	W	156
19	·911	·942	·833	·920	·891	79·1	82·9	86·8	82·1	83·5	87·4	78·4	9·0	147·1	59·7	73·1	5·3	ESE	ESE	WNW	NNW	190
20	·882	·940	·826	·890	·874	78·7	83·4	87·2	81·6	83·7	87·7	79·0	8·7	150·5	62·8	74·0	5·0	NNE	ENE	NW	NNE	197
21	·884	·919	·802	·873	·857	78·9	84·1	86·9	82·9	84·0	87·7	78·6	9·1	146·7	59·0	71·9	6·7	NNE	SSE	NW	SE	171
22	·869	·920	·804	·882	·860	79·9	83·6	86·9	80·3	83·5	87·0	79·7	7·3	147·1	60·1	74·0	5·7	S	ESE	WNW	NW	161
23	·867	·927	·792	·844	·850	77·7	81·6	87·2	78·6	82·4	87·6	77·0	10·6	149·1	61·5	68·1	8·9	ENE	ENE	NW	N	207
24	·835	·895	·782	·874	·838	76·1	79·7	84·9	79·9	81·1	85·6	75·1	10·5	149·5	63·9	63·2	11·9	E	ENE	WNW	N	172
25	·863	·943	·859	·962	·896	78·7	82·7	82·1	78·7	81·7	87·0	78·0	9·0	148·4	61·4	71·5	6·5	ESE	ENE	WSW	SSE	191
26	·943	·994	·885	·960	·934	77·1	82·3	81·5	80·9	81·9	87·6	77·1	10·5	148·5	60·9	68·9	8·2	NE	ENE	NW	ENE	202
27	·983	30·033	·908	·975	·964	78·5	83·9	87·1	81·1	83·6	88·2	78·2	10·0	145·7	57·5	69·7	8·5	ENE	ESE	NW	NNW	280
28	·979	·009	·886	·950	·946	78·5	83·1	85·3	79·7	82·7	87·0	78·2	8·8	150·1	63·1	68·3	9·9	ENE	ENE	WNW	Ne	225
29	·927	29·961	·840	·926	·902	77·5	81·6	88·0	80·0	83·2	89·2	76·6	12·6	150·5	61·3	66·1	10·5	NE	E	NW	NE	221
30	·899	·963	·825	·913	·889	75·8	81·1	87·5	79·7	82·4	88·2	75·1	13·1	148·9	60·7	63·9	11·2	ENE	ENE	WNW	NNE	206
31	·928	·978	·839	·910	·904	76·5	81·9	87·7	79·5	82·8	88·7	76·0	12·7	149·9	61·2	66·0	10·0	ENE	ENE	WNW	NNE	227
Mean	29·874	29·924	29·810	29·888	29·864	78·2	81·8	84·8	80·3	82·1	86·4	77·5	8·8	145·0	58·6	72·1	5·5	...	...	...	...	266·1

N.B. + ·013 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	75·6	76·2	77·9	77·0	77·2	73·6	·868	·852	·897	·919	·884	·810	93	82	81	97	88	93	0·39	8	7	8	8	K. C. *o. m.*	P. K. Ck. C. *r. t. o.*	P. *o.r.t. l.*
2	76·2	77·6	79·0	77·3	77·6	75·3	·871	·832	·951	·888	·894	·855	89	79	87	84	85	92	...	8	8	6	4	K. *o.*	K. Ck. C. *o. q.*	K. C. *q.*
3	76·9	78·1	78·6	78·7	78·3	75·8	·887	·923	·917	·956	·921	·850	87	87	80	91	86	86	0·02	8	8	5	3	P. K. *m. t. o. q.*	P. K. Ck. C. *o. q.*	K. C. *l.*
4	76·9	79·6	79·0	79·1	78·8	76·1	·900	·977	·951	·970	·950	·867	91	89	87	91	90	89	0·03	8	8	8	5	P. K. *o. q.*	K. C. Ck. *o.*	C. K. *l. t.*
5	75·4	76·1	76·3	77·4	76·3	73·7	·869	·884	·874	·921	·887	·816	95	93	89	93	92	94	2·18	8	8	8	8	P. K. C. *o.*	P.K.C. *o. m. r*	P.K. *o.l.q.*
6	76·2	76·6	77·7	77·0	77·0	74·9	·882	·910	·920	·901	·903	·850	92	93	90	91	93	94	2·86	8	8	8	7	P. K. C. Ks. *r. l. t. o.*	P. K. Ck. *o.*	P.K. *r.l.q.*
7	75·5	77·1	77·0	77·1	76·9	74·6	·868	·905	·915	·899	·897	·838	94	91	95	89	92	93	0·18	8	8	8	6	K. *o.*	P. K. Ck. C. *o.*	P. K. *o.*
8	75·5	77·2	78·2	77·7	77·3	73·8	·875	·893	·879	·928	·895	·816	97	88	74	92	88	93	0·32	8	3	4	5	K. *o.*	K. C. Ck. *m.*	K. C.
9	76·1	78·3	79·2	78·4	78·2	75·1	·893	·933	·910	·939	·920	·858	98	88	74	89	87	95	0·10	8	2	5	3	C. K. *o.*	K. C. Ck. *m.*	C. K.
10	78·0	78·9	80·3	77·0	78·9	77·0	·937	·950	·961	·907	·914	·832	92	87	78	92	87	88	...	8	8	7	5	P. K. *m. o.*	C. Ck. K. *o. m.*	P. K. *l. t.*
11	78·2	80·1	79·6	79·7	79·7	74·8	·953	·998	·923	·988	·966	·816	95	90	74	91	88	84	...	8	6	6	5	K. *o. m.*	K. C. *m.*	P. K. C. *t. l.*
12	77·3	79·4	81·5	78·6	79·8	76·7	·911	·957	1·018	·941	·957	·890	91	85	82	87	86	90	...	8	1	4	4	K. C. *m. o.*	K. C.	P. K. *l.*
13	77·6	80·3	80·4	79·4	79·8	76·9	·920	·993	·973	·968	·964	·887	91	87	79	88	86	87	...	8	3	7	2	K. Ks. *m. o.*	K. C.	K. *l.*
14	78·0	80·0	79·4	78·1	79·1	74·6	·944	·993	·912	·947	·949	·796	94	89	72	85	85	*80*	...	4	2	2	1	K. *m. w.*	K. C.	K.
15	78·3	79·2	78·5	77·5	78·7	77·0	·950	·954	·878	·887	·917	·894	93	86	71	82	83	89	...	5	5	3	2	K. C. *m. w.*	K. C.	K. C.
16	77·2	77·4	79·4	77·7	78·3	76·1	·911	·845	·904	·885	·886	·862	92	72	70	79	78	87	...	1	7	8	8	Cs. C. Ck. *w.*	K. C. *o.*	K. C. *o.*
17	76·9	79·7	79·4	72·7	77·6	76·5	·893	·977	·917	·758	·886	·880	89	87	74	84	84	89	0·12	7	7	7	8	K. Ck. C. *w.*	K. *m.*	P. K. *t. l. o. q.*
18	74·1	76·2	78·4	78·0	76·7	71·8	·791	·848	·872	·927	·860	·735	82	81	70	89	80	84	0·11	6	8	5	7	K. Ck. Cs.	K. Ck. C. Ks. *o.*	K.
19	78·1	79·2	79·8	79 2	79·2	76·0	·950	·948	·925	·959	·945	·866	95	84	72	87	85	89	...	8	7	3	1	Ks. K. Ck C. *o. w.*	K. C.	K. C. *w.*
20	76·4	79 4	79·4	76·4	78·2	76·3	·880	·950	·899	·840	·892	·871	90	83	69	78	80	88	...	1	6	2	1	Ks. Cs. *w.*	K. C.	K. C. *l.*
21	76·9	79·3	77·2	78·0	78·3	75·2	·899	·940	·804	·893	·884	·829	91	80	63	79	78	84	...	7	1	3	4	K. Ks. *w. m.*	K. C. Ck.	K. *l.*
22	76·9	79·0	79·2	74·4	77·9	75·4	·872	·931	·867	·773	·861	·824	87	81	63	74	76	81	...	3	6	1	3	K. C. *w. m.*	K. C.	K. Ck. *p.*
23	76·1	74·9	75·3	72·2	74·6	71·8	·881	·776	·717	·705	·770	·711	93	72	55	72	73	76	...	3	3	6	4	K. C. *w.*	K. C. Cs. *m.*	K. Ck. C
24	70·7	73·7	74·9	76·2	74·2	68·1	·678	·751	·732	·855	·754	·594	75	74	61	84	74	68	...	4	8	5	7	K. C. *w.*	K. C. Ck. *o.m.*	K. Ck.
25	75·9	75·4	75 7	75·3	76·1	72·8	·860	·783	·803	·832	·820	·738	88	70	73	84	79	77	...	8	3	8	4	K. Ck. C. *m. w. o.*	P. K. C. *o.*	K. Ck. *l.*
26	75·2	75·3	76·2	76·2	56·4	73·8	·850	·784	·833	·841	·827	·791	91	71	77	79	80	85	0·03	2	0	7	0	K. C. *w.*	P. K. C. *r. m.*	*l.*
27	72·3	75·7	77·2	75·3	75·8	71·8	·711	·779	·801	·800	·795	·695	73	67	62	75	69	72	...	0	0	0	0	K. *w.*	K.	K.
28	73·7	74·3	76·1	73·1	74·4	72·0	·767	·731	·777	·728	·751	·703	79	64	64	72	70	73	...	2	3	8	0	K. C.	K. Ck. C.	K.
29	73·5	73·5	75·5	74·3	74·3	71·0	·773	·718	·716	·773	·745	·685	82	67	54	75	70	75	...	0	2	1	0	K. C.	K. Ks. C. Cs. Ck.	K. C.
30	72·0	73·3	76·3	75·1	74·4	70·4	·735	·717	·756	·811	·755	·681	83	67	58	80	72	78	...	1	0	0	0	K. *w.*	K. Ks.	
31	71·6	73·3	76·2	72·1	73·7	71·2	·710	·707	·750	·689	·714	·701	77	65	57	68	67	78	...	0	0	0	0	*w.*	K. Ks.	
Mean	75·8	77·2	78·0	76·7	77·2	74·2	·861	·877	·869	·872	·870	·803	89	81	73	84	82	85	6·39	5·35	4·71	4·94	3·71			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference between grass and sun radiation	8 hours	10 hours	16 hours	22 hours	Total miles
1	29·906	29·959	29·825	29·889	29·895	76·5	82·0	87·0	80·2	82·6	88·1	76·2	11·9	148·1	60·0	64·8	11·4	ENE	ESE	NW	NNE	238
2	·880	·924	·794	·868	·855	77·2	82·7	87·0	80·3	83·1	88·0	77·0	11·0	150·2	62·2	65·7	11·3	ENE	ENE	NW	N	258
3	·856	·893	·767	·851	·830	75·9	82·9	87·6	80·9	83·1	88·5	75·6	12·9	148·1	59·6	66·8	8·8	NE	ENE	NW	NNW	240
4	·857	·910	·779	·873	·845	75·9	81·9	87·2	80·3	82·7	88·4	75·8	12·6	148·1	59·7	65·1	10·7	NE	ENE	WNW	NNE	158
5	·868	·921	·826	·916	·872	76·4	81·1	87·2	79·9	82·5	88·2	76·1	12·1	147·2	59·0	65·8	10·3	ENE	NE	WNW	NNE	186
6	·939	30·001	·885	·960	·937	76·3	80·5	86·3	78·5	81·7	87·6	75·3	12·3	148·1	60·5	63·5	11·8	ENE	ENE	NW	N	202
7	·993	·031	·917	·979	·970	75·9	81·5	86·9	79·0	82·0	87·4	75·2	12·2	147·3	59·9	63·6	11·6	NNE	ENE	NW	N	202
8	·965	·000	·861	·945	·930	76·8	81·4	86·5	79·1	82·0	86·8	75·6	11·2	147·1	60·3	64·2	11·4	NE	ENE	WNW	N	184
9	·952	·020	·898	·990	·956	76·9	82·7	87·2	78·7	83·0	89·6	76·7	12·9	148·4	58·8	64·5	12·2	ENE	ESE	WNW	N	199
10	·993	·052	·920	·988	·978	76·0	82·1	86·1	79·7	82·2	87·7	76·0	11·7	149·1	61·4	63·6	12·4	NE	ENE	WNW	N	247
11	·979	·043	·913	·966	·966	74·8	80·9	87·0	79·1	81·9	88·4	74·8	13·6	148·9	60·5	62·0	12·8	ENE	E	W	NNE	184
12	·943	·002	·896	·972	·944	75·8	80·3	88·0	80·5	82·7	89·2	75·4	13·8	150·5	61·3	62·2	13·2	E	NE	NW	NNE	199
13	·974	·036	·906	·988	·965	76·1	81·9	87·1	80·0	82·7	88·6	75·2	13·4	149·1	60·5	61·2	14·0	ENE	E	WNW	NNW	231
14	·965	·025	·891	·964	·950	77·5	84·1	85·7	79·3	83·0	89·2	76·1	13·1	148·7	59·5	63·4	12·7	ENE	E	WNW	N	226
15	·929	29·983	·860	·944	·918	75·3	82·0	87·1	78·7	82·1	87·8	75·1	12·7	149·4	61·6	63·1	12·0	NE	ENE	W	NW	205
16	·922	·993	·868	·934	·920	75·1	78·0	84·9	77·9	80·3	86·6	75·0	11·6	145·8	59·2	62·4	12·6	ESE	E	NW	N	189
17	·930	·991	·862	·941	·922	75·7	80·1	85·4	78·8	81·3	86·4	74·7	11·7	145·4	59·0	63·7	11·0	ENE	ENE	WNW	N	183
18	·936	30·018	·886	·984	·946	74·7	80·0	86·7	78·3	81·6	88·3	74·6	13·7	142·5	54·2	63·8	10·8	ENE	ENE	NW	N	216
19	·955	·028	·882	·957	·944	76·1	82·1	87·3	81·7	83·4	90·0	75·2	14·8	149·1	59·1	64·0	11·2	ENE	ENE	NW	NNW	233
20	·945	29·997	·863	·948	·925	78·5	83·4	87·8	80·3	83·9	89·3	78·2	11·1	148·9	59·6	68·2	10·0	NE	E	NW	NW	197
21	·937	·997	·885	·977	·936	77·1	84·5	87·1	79·9	83·4	89·2	77·1	12·1	147·7	58·5	67·4	9·7	ENE	ESE	WNW	NW	172
22	·964	30·007	·884	·968	·944	76·8	80·5	86·0	79·3	82·0	88·2	76·4	11·8	145·3	57·1	65·6	10·8	NE	ESE	WSW	SW	154
23	·933	29·982	·863	·943	·921	75·9	79·7	85·2	79·1	81·3	87·2	75·6	11·6	145·0	57·8	66·6	9·0	ENE	ESE	W	NW	169
24	·930	·990	·884	·940	·927	76·2	79·9	84·5	78·7	81·0	86·4	75·7	10·7	146·3	59·9	65·6	10·1	ESE	ESE	WNW	N	181
25	·939	·988	·879	·956	·928	77·1	81·1	83·2	77·5	80·9	85·9	76·9	9·0	148·0	62·1	68·5	8·4	ENE	ENE	NNW	NNW	321
26	·938	·984	·879	·942	·924	74·3	81·5	83·3	77·7	80·5	85·6	74·0	11·6	145·1	59·5	65·8	8·2	NNE	NNW	NNW	N	342
27	·918	·954	·820	·896	·885	73·9	79·9	85·3	78·7	80·8	86·1	73·1	13·0	147·1	61·0	65·0	8·1	N	ENE	NNW	N	253
28	·876	·936	·829	·925	·880	76·3	81·7	85·3	79·4	82·0	87·6	75·3	12·3	147·1	59·5	66·5	8·8	NE	NE	NW	NNW	253
29	·899	·947	·839	·938	·893	77·8	80·9	84·7	78·0	81·1	85·6	75·2	10·4	148·0	62·4	67·9	7·3	ESE	E	NW	NNE	189
30	·904	·954	·842	·936	·897	74·2	80·7	84·7	77·0	80·6	86·8	73·0	13·8	147·9	61·1	63·6	9·4	N	ENE	NNW	N	285
Mean	29·931	29·985	29·863	29·943	29·920	76·1	81·4	86·2	79·2	82·0	87·8	75·5	12·2	147·6	59·8	64·8	10·7	...	...	...	...	216·5

N.B.—+ ·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	72·4	73·1	77·2	75·6	74·9	71·4	·723	·696	·803	·825	·782	·706	82	63	62	80	72	78	Nil	0	0	0	0	K. Ks.	Ck. K. Ks.	
2	73·4	73·3	76·2	76·8	75·2	72·7	·774	·695	·759	·869	·774	·747	83	61	59	83	72	81	...	1	0	0	0	K. *w.*	K. Ks.	
3	71·3	74·4	73·3	75·3	75·6	70·8	·706	·738	·843	·803	·773	·691	79	65	64	76	71	78	...	3	0	3	0	K. C.	K. Ks. C. Ck.	K.
4	71·4	74·3	75·1	74·0	73·9	74·0	·710	·748	·709	·756	·731	·817	79	69	55	73	69	92	...	0	1	0	0	K. Ks. *w.*	Ck. K. Ks.	
5	72·5	73·7	74·4	73·7	74·0	71·8	·747	·734	·680	·748	·727	·723	82	69	52	73	69	80	...	5	0	0	0	K. C. *m.*	K. *m.*	
6	73·5	74·3	77·3	74·3	75·3	71·6	·790	·766	·816	·793	·791	·726	87	73	65	81	77	83	...	0	0	0	0	*m.*	K. *m.*	
7	72·2	72 3	76·2	75·3	74·3	70·8	·741	·672	·760	·828	·750	·696	83	62	59	83	72	79	...	0	0	0	0	...	K. *m.*	
8	72·1	75·5	75·3	75·3	75·0	71·5	·726	·805	·727	·827	·771	·718	78	75	58	83	74	82	...	0	0	0	0	*w.*	K. *m.*	*w.*
9	72·3	72·3	75·3	72·0	72·6	70·4	·732	·655	·717	·696	·700	·660	79	58	55	71	66	72	...	0	0	0	0	*w.*		*w.*
10	71·4	71·3	75·3	75·4	73·5	70·0	·709	·623	·733	·824	·722	·654	79	57	58	81	69	73	...	0	0	0	0	K. Ks. *w.*	K. *m.*	*w.*
11	70·3	72·3	74·2	73·9	72·5	69·8	·708	·676	·674	·768	·707	·663	79	64	52	77	68	77	...	1	2	3	0	K. Ks. *w.*	C. Ck. K.	*w.*
12	69·5	72·1	77·1	73·6	72·9	69·7	·638	·679	·784	·736	·709	·651	72	65	59	71	67	74	...	4	0	0	0	K. Ck. C. *w.*	C. Ck. K.	
13	72·0	71·4	74·8	75·3	73·6	70·0	·731	·629	·697	·815	·718	·665	82	58	54	79	68	76	...	0	0	0	0	*w.*		
14	71·7	71·1	74·3	73·3	73·1	69·6	·700	·589	·696	·741	·682	·637	74	50	56	74	64	71	...	0	0	0	0	*m.*		
15	72·3	70·7	73·3	74·2	72·6	69·7	·754	·600	·636	·786	·694	·655	86	55	49	80	68	75	...	0	0	0	0	*m. w.*		
16	72·0	71·5	76·0	73·5	73·7	70·2	·745	·689	·778	·768	·745	·675	86	72	64	80	76	78	...	0	0	0	0	*m.*	*m.*	
17	74·2	74·2	74·9	73·8	74·5	71·8	·827	·767	·696	·768	·765	·742	93	74	59	78	76	86	...	0	2	4	5	K. *w.*	C. Ck. K. *m.*	C.
18	71·3	73·6	76·4	72·3	74·1	71·0	·722	·743	·772	·714	·738	·712	84	72	60	74	73	84	...	1	5	3	0	K. C. Ck. *w.*	C. Ck. K. *m.*	*w.*
19	70·9	74·2	78·2	73·9	74·7	69·9	·688	·740	·843	·733	·751	·662	76	67	65	68	69	76	...	6	0	7	7	K. C. Ck. *m. w.*	K. C. *m.*	C. Ck. K.
20	73·1	71·1	77·4	76·2	74·9	72·0	·744	·599	·800	·850	·748	·703	76	52	60	82	68	73	...	5	0	0	0	K. Ck. Ks.	*m.*	
21	72·3	73·1	77·2	77·0	75·2	70·8	·730	·662	·801	·890	·771	·670	78	56	62	87	71	72	...	0	0	0	0	K. Ks. *m. w.*		
22	74·3	74·3	76·2	76·0	75·6	73·0	·816	·766	·773	·854	·802	·767	88	73	62	86	77	84	...	0	0	0	0	*w. m.*	C. *m.*	
23	74·0	73·7	75·0	75·3	74·9	72·8	·815	·751	·732	·827	·781	·771	91	74	60	83	77	87	...	0	0	0	0	K. Ks. *m. w.*	C.	
24	73·3	74·7	77·3	75·3	75·6	72·4	·783	·790	·840	·832	·811	·752	86	77	71	84	79	85	...	0	0	0	0	K. Ks. *w. m.*	Cs. K.	
25	75·2	76·7	76·2	70·6	75·4	72·6	·850	·860	·810	·657	·794	·745	91	81	71	70	78	81	...	0	0	0	0	*w.*	K. Cs. C.	
26	68·8	73·3	75·8	73·4	73·7	68·5	·631	·711	·792	·767	·725	·625	74	66	69	81	73	74	...	0	0	1	0	K. *m.*	K. Ck. Ks. C.	
27	67·5	72·8	77·3	73·3	73·5	67·1	·589	·712	·830	·749	·720	·585	70	70	68	76	71	74	...	0	0	5	0	K. *m.*	K. Ks. Ck. C.	
28	70·5	73·3	78·2	73·8	74·8	68·5	·670	·709	·871	·760	·753	·607	74	65	72	76	72	70	...	0	7	4	0	K. Ck. *m*	K. C. Ck. Cs.	K. C. *l.*
29	74·5	75·3	74·2	74·0	74·6	70·1	·811	·803	·705	·787	·777	·670	85	76	59	82	76	77	...	6	8	4	0	K. Ck. *m.*	K. Ck. C. Ks.	
30	66·3	69·7	74·3	70·2	71·0	65·1	·541	·580	·702	·848	·618	·515	63	56	59	70	62	63	...	0	4	2	0	K. *w.*	K. C. Cs. Ks.	
Mean	71·9	73·1	76·0	74·2	74·2	70·7	·728	·706	·759	·781	·744	·687	81	66	61	78	71	78	...	1·07	0·97	1·20	0·40			

Date	Barometer reduced to 32°					Air Temperature								Temperature of Radiation				Wind				
	6 hours	10 hours	16 hours	22 hours	Mean	6 hours	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference shade and radiation	6 hours	10 hours	16 hours	22 hours	Total miles
1	29·908	29·968	29·868	29·934	29·911	72·7	78·1	83·3	76·0	78·7	85·0	70·8	14·2	146·3	61·3	60·2	10·6	N	NE	NW	N	218
2	·911	·993	·890	·952	·928	71·5	76·9	81·9	77·7	78·3	84·5	70·4	14·1	147·1	62·6	59·1	11·3	NE	ENE	NW	NNW	221
3	·947	30·007	·895	·965	·943	71·9	77·9	83·1	76·5	78·7	85·4	70·9	14·5	148·0	62·6	57·2	13·7	NNE	ENE	NW	N	257
4	·943	29·984	·852	·917	·914	71·0	77·5	82·2	77·3	78·4	84·2	71·0	13·2	151·9	67·7	59·8	11·2	NE	N	NNW	NNW	207
5	·894	·945	·834	·903	·884	73·3	77·2	80·7	76·5	77·8	81·2	73·0	8·2	136·5	55·3	62·0	11·0	N	NE	NW	N	142
6	·904	·961	·861	·933	·905	74·5	77·7	81·9	77·3	78·7	82·4	74·2	8·2	146·9	64·5	66·0	8·2	ENE	ENE	NW	NNE	159
7	·897	·951	·853	·900	·892	76·7	78·3	82·5	78·1	79·9	84·5	76·0	8·5	147·7	63·2	69·5	6·5	NNE	ENE	NNW	NNE	169
8	·886	·950	·838	·904	·887	75·5	80·7	83·4	77·1	80·3	85·4	75·0	10·4	147·8	62·4	65·7	9·3	ESE	ESE	WSW	W	151
9	·915	·982	·894	·978	·933	75·7	79·1	80·3	76·6	78·6	82·2	75·2	7·0	146·5	64·3	67·4	7·8	ESE	ESE	NNW	NW	247
10	·993	30·057	·985	30·064	30·016	73·5	75·3	77·5	68·7	74·7	79·0	72·4	6·6	141·5	62·5	69·5	2·9	NE	NNE	NW	NNE	339
11	30·027	·059	·910	29·963	29·979	64·3	71·6	77·6	71·1	72·7	78·3	63·6	15·2	146·3	67·5	57·3	6·3	NNE	NNE	NNW	N	313
12	29·913	29·970	·854	·926	·907	67·1	74·7	79·5	73·3	75·0	80·8	66·2	14·6	134·5	53·7	58·1	8·1	N	NE	NNW	N	268
13	·908	·970	·854	·932	·905	74·7	78·7	82·0	76·7	79·4	85·4	72·2	13·2	145·5	60·1	64·2	8·0	NE	ENE	NW	N	282
14	·924	·989	·889	·967	·932	75·7	79·9	84·2	76·9	80·6	86·6	74·6	12·0	148·7	62·1	65·2	9·4	ENE	ENE	WNW	N	235
15	·948	·998	·868	·926	·925	73·9	79·1	82·5	77·9	79·5	85·6	74·0	11·6	143·9	58·3	66·2	7·8	ENE	ENE	NW	NNW	209
16	·903	·951	·853	·919	·896	76·3	79·9	83·3	78·5	80·7	85·0	76·0	9·0	136·5	51·5	69·1	6·9	NE	ENE	WNW	NE	153
17	·880	·949	·854	·937	·895	76·7	79·5	83·5	79·1	80·9	86·0	76·5	9·5	146·6	60·6	68·3	8·2	ESE	ESE	W	NE	150
18	·904	·989	·871	·956	·919	76·3	79·8	83·5	78·7	80·5	84·8	75·9	8·9	146·3	61·5	68·1	7·8	E	E	NW	NNE	230
19	·927	·966	·893	·963	·924	77·3	81·3	81·5	79·3	80·5	85·8	76·7	9·1	154·8	69·0	71·8	4·9	NE	ENE	NNW	NNW	242
20	·946	30·000	·908	·953	·945	77·3	80·7	82·5	77·8	80·2	83·8	77·0	6·8	153·1	69·3	69·5	7·5	E	ENE	NNW	N	206
21	·956	·000	·888	·951	·937	75·5	79·5	85·7	77·5	81·2	87·6	75·0	12·6	149·7	62·1	64·5	10·5	NE	ENE	W	N	192
22	·916	29·978	·853	·929	·907	74·3	78·3	83·5	76·5	79·4	85·6	73·8	11·8	155·3	69·7	63·4	10·4	ESE	E	WNW	NNW	171
23	·936	·999	·882	·963	·934	74·9	79·5	84·4	77·7	80·3	85·3	74·8	10·5	148·2	62·9	63·9	10·9	NNE	ENE	WNW	NNE	176
24	·959	30·038	·881	·944	·945	75·9	79·5	85·3	77·9	81 2	87·3	76·3	11·0	148·3	61·0	65·2	11·1	NE	ENE	NW	N	219
25	·975	·025	·871	·940	·940	76·9	81·5	85·6	77·9	81·8	87·4	77·0	10·4	151·3	63·9	64·7	12·3	ENE	ENE	NW	N	257
26	·932	29·981	·863	·920	·911	75·7	80·0	85·9	77·5	81·2	86·8	75·2	11·6	150·5	63·7	62·9	12·3	NE	E	WNW	N	191
27	·902	·957	·798	·890	·871	75·5	80·7	85·8	78·0	81·6	88·2	75·0	13·2	151·3	63·1	64·0	11·0	ENE	ESE	W	NW	203
28	·852	·913	·795	·855	·841	74·8	78·3	80·6	76·9	78·8	83·4	74·3	9·1	145·8	62·4	64·8	9·5	E	E	NNW	NE	291
29	868	·930	·826	·896	·871	71·7	78·5	78·5	73·3	76·4	80·8	71·0	9·8	143·4	62·6	60·9	10·1	NE	NNW	NW	NNW	277
30	·872	·944	·840	·911	·881	69·5	72·9	77·3	71·1	73·9	79·4	69·0	10·4	141·3	61·9	56·2	12·8	NE	ENE	WNW	NNE	212
31	·880	·955	·840	·897	·885	67·7	72·1	77·3	69·1	72·9	78·8	67·2	11·6	142·5	63·7	56·0	11·2	ENE	ENE	NW	N	313
Mean	29·920	29·979	29·866	29·935	29·915	73·8	78·2	82·2	76·3	78·8	84·1	73·2	10·9	146·6	62·5	63·9	9·3	...	...	...	...	222·6

N.B.—+·012 is to be added to the readings of the barometer to reduce them to the Calcutta Standard.

Date	Temperature of Evaporation						Computed Vapour Tension						Relative Humidity						Rain-fall	Cloud				Cloud and Weather Initials		
	6 hours	10 hours	16 hours	22 hours	Mean	Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	6 hours	10 hours	16 hours	22 hours	Mean	From Min	Inches	6 hours	10 hours	16 hours	22 hours	Before 10 hours	10 hours to 16 hours	After 16 hours
1	63·8	68·0	71·3	72·0	69·3	63·7	·474	·551	·607	·732	·591	·497	58	58	53	82	63	66	Nil.	6	7	3	0	K. Ck. *m.*	K. C. Ck.	
2	69·2	69·4	73·3	70·3	71·1	68·5	·684	·619	·707	·643	·663	·673	89	67	65	67	72	90	...	4	7	8	3	K. Ck. *m.*	K. C. Ck. *o.*	K. Ck.
3	63·3	69·2	74·4	70·4	69·9	63·1	·469	·598	·735	·663	·616	·475	60	62	64	73	65	65	...	2	3	4	0	C. Ck. K. Ks.	K. Ck. C. *m.*	
4	64·6	67·6	73·4	71·7	69·8	64·3	·525	·544	·707	·703	·620	·514	69	58	64	75	67	67	...	3	5	6	6	C. Ck. Ks.	K. Ck. C.	K. Ck.
5	69·7	70·3	73·0	71·7	71·2	68·0	·679	·650	·709	·714	·688	·619	83	69	68	78	75	76	...	8	8	8	7	C. K. Ck. *w. o.*	K. Ck. C. *o.*	K. C.
6	71·8	72·8	74·0	73·3	73·2	68·0	·746	·742	·734	·763	·748	·603	87	78	67	82	79	71	...	8	8	8	4	K. Ck. *o. w.*	K. Ck. *o.*	C. K.
7	72·3	73·3	76·2	73·9	73·8	70·8	·735	·755	·820	·781	·773	·685	79	78	74	81	78	76	...	8	8	8	5	K.	P. K. Ck. *o.*	P. K. C. *o.*
8	72·3	74·3	75·2	74·5	74·4	71·4	·751	·763	·770	·821	·776	·722	85	72	67	89	78	84	...	0	0	0	0	K. Ks. *w.*	K. Ks. C.	K.
9	73·3	73·4	69·3	71·2	71·7	72·2	789	·748	·570	692	·700	·751	88	75	55	75	73	86	...	8	5	0	4	K. C. *m.*	K. Ck.	K. C.
10	69·0	66·5	68·0	61·4	66·7	65·9	·650	·534	·559	·449	·548	·552	79	61	59	64	66	69	...	8	4	0	0	P. K. Ck. *o.*	K. C.	
11	58·3	61·8	67·9	62·6	63·7	57·9	·410	·422	·554	·456	·461	·407	68	55	59	60	61	69	...	0	5	0	0	K. *m.*	K. C. Cs.	
12	61·1	66·4	72·2	68·1	68·0	60·0	·460	·537	·693	·619	·577	·436	69	62	69	75	69	67	...	0	8	8	0	K. *m.*	K. C. Cs. *o.*	
13	69·5	71·7	75·9	71·1	72·8	65·9	·652	·684	·814	·688	·710	·554	76	70	75	75	74	70	...	8	8	7	4	K. Ck. *o.*	K. C. *o.*	K. Ck.
14	71·3	73·2	77·0	72·3	74·3	70·1	·709	·729	·831	·732	·750	·676	79	71	71	79	75	79	...	2	1	3	0	K. *m.*	K. C. Ks.	
15	71·7	73·9	77·4	73·3	74·7	70·8	·749	·768	·873	·759	·787	·712	89	77	79	80	81	85	...	7	8	8	7	K. Ck. *m.*	K. C. *o.*	K. Ck. C.
16	74·2	74·4	76·2	76·2	75·4	71·9	·810	·779	·809	·874	·818	·728	87	76	71	90	81	82	...	7	8	8	8	K. C. Ck. *m.*	K. C. Ck. *o.*	K. C. Ck. Ks. *o.*
17	74·3	75·3	77·2	76·5	75·8	72·8	817	·822	·850	·879	·842	·758	88	81	74	89	83	83	...	7	7	7	8	K. Ck.	K. Ck. C.	K. Ck. *o.*
18	73·6	73·3	77·2	74·2	74·7	71·7	·792	·741	·850	·786	·792	·722	87	74	74	80	79	81	...	6	2	2	5	K. Ck. C.	K. Ks. Ck.	K. Ck. C.
19	72·3	73·8	77·2	76·6	75·4	71·3	·727	·734	·877	·880	·805	·695	77	69	82	88	79	75	...	8	1	8	8	P. K. Ck. *o.*	K. Ck. C. *o.*	P. K. C. *o.*
20	72·9	75·3	76·4	72·2	74·4	71·2	·752	·805	·829	·716	·776	·687	80	76	75	75	77	74	...	8	8	8	6	P. K. C. *o.*	K. Ck. C. Ks. *o.*	K. C.
21	71·2	73·3	78·2	72·3	74·7	70·9	·707	·738	·865	·724	·759	·702	80	73	70	76	75	81	...	0	0	0	0	K. *m.*	K. Ks.	K. Ks.
22	71·3	72·9	75·4	73·3	73·6	69·8	·728	·737	·773	·779	·754	·676	86	76	67	85	79	81	...	0	0	0	0	K. Ck. *m. w.*	K.	
23	71·1	72·5	75·5	72·3	73·4	70·4	·713	·706	·764	·721	·726	·685	83	70	64	75	73	79	...	0	0	0	0	*m. w.*	K. Ks.	
24	71·3	73·5	78·4	73·3	74·6	71·2	·706	·746	·879	·732	·766	·697	79	74	72	80	76	77	...	5	5	6	4	K. C. Ck. *m.*	K. C. Ck.	K. C. Cs.
25	72·3	71·3	77·2	73·0	74·2	71·9	·732	·631	·821	·747	·733	·715	79	59	66	78	71	77	...	6	4	0	0	K. C. Ck.	K. Ck. C.	
26	72·3	72·3	77·0	69·3	73·3	70·4	·748	·690	·808	·608	·714	·680	84	67	65	64	70	78	...	3	0	0	0	K. C. *w.*	K. C.	
27	70·3	70·3	75·7	75·3	73·5	68·1	·673	·603	·754	·842	·718	·596	76	57	61	88	71	68	...	5	6	6	0	K. C. Ck.	K. C.	
28	72·3	71·3	75·1	69·2	72·9	70·1	·761	·674	·798	·611	·711	·681	88	70	76	66	75	80	...	1	0	0	0	K. S.	K. Ck.	
29	68·6	72·3	69·1	66·3	69·3	67·9	·659	·711	·593	·553	·629	·642	85	73	60	67	71	85	...	0	5	0	0		K. Ck.	
30	64·4	64·4	67·3	65·4	65·8	63·7	·538	·492	·536	·551	·529	·521	75	60	57	72	66	74	...	0	0	5	0	Ks. *m.*	K. Ck. C. Ks.	
31	63·4	64·7	64·9	61·4	63·7	62·9	·528	·513	·451	·443	·484	·518	78	65	48	62	63	78	...	0	1	3	0	K. Ks. *m.*	C. Ck. K. Ks.	
Mean	69·6	71·1	74·1	71·1	71·9	68·3	·673	·670	·740	·699	·696	·632	80	69	67	76	73	77	...	4·13	4·45	4·00	2·55			

MADRAS,

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	30·100	29·988	30·082	30·044	81·3	79·4	72·2	73·4	83·8	62·2	21·6	144·7	60·9	59·5	2·7	NE by N	NE	47	97	144
2	·098	·985	·052	·032	79·8	78·5	68·9	71·9	83·5	62·0	21·5	146·4	62·9	58·9	3·1	NE by N	NE by N	63	112	175
3	·096	·979	·065	·033	75·9	78·8	68·9	70·9	83·5	61·7	21·8	146·5	63·0	58·2	3·5	NE by N	NE by N	54	105	159
4	·085	·976	·072	·031	79·8	80·1	72·9	73·3	84·7	62·1	22·6	146·1	61·4	59·0	3·1	NNE	NE	40	104	144
5	·098	·986	·091	·045	81·5	80·1	73·8	73·9	84·5	61·9	22·6	146·5	62·0	58·8	3·1	NE by N	NE by N	52	131	183
6	·121	30·012	·104	·066	80·0	79·8	70·8	73·2	85·0	63·8	21·2	145·2	60·2	60·9	2·9	NE by N	NE by N	58	100	158
7	·132	·027	·106	·075	80·5	80·1	74·8	74·8	85·7	65·5	20·2	147·0	61·3	62·8	2·7	NNE	NE by N	46	154	200
8	·133	·005	·091	·061	82·0	79·8	73·9	74·8	84·4	65·1	19·3	144·2	59·8	62·2	2·9	NE	NE by N	84	151	235
9	·101	29·983	·070	·037	81·1	80·0	74·2	74·6	84·5	64·8	19·7	142·4	57·9	62·9	1·9	NNE	NE by N	53	132	185
10	·078	·940	·034	·001	81·8	80·0	75·5	75·5	85·6	66·3	19·3	144·6	59·0	63·7	2·6	NNE	ENE	64	139	203
11	·059	·956	·047	·009	82·3	79·8	76·1	77·0	85·8	70·8	15·0	145·9	60·1	68·6	2·2	ENE	NE by E	50	129	179
12	·090	·967	·054	·023	80·9	81·8	74·9	77·7	85·2	74·1	11·1	145·6	60·4	72·8	1·3	E by S	SE	46	53	99
13	·083	·957	·027	·007	82·8	79·8	76·0	77·3	84·4	71·6	12·8	141·3	56·9	70·2	1·4	SE by E	SE	26	94	120
14	·078	·970	·056	·023	80·5	80·3	76·7	76·6	85·5	69·9	15·6	145·1	59·6	66·9	3·0	SE by S	SE	36	113	149
15	·118	30·012	·094	·063	81·8	81·9	76·4	77·1	86·3	69·3	17·0	144·5	58·2	67·5	1·8	SE by E	E by S	26	94	120
16	·145	·019	·115	·078	82·4	81·4	76·8	77·8	84·9	71·1	13·8	144·7	59·8	69·4	1·7	E by S	E	32	105	137
17	·148	·040	·112	·088	83·4	82·7	76·6	79·3	86·1	74·7	11·4	143·5	57·4	72·7	2·0	E by N	NE by E	79	103	182
18	·150	·049	·117	·093	82·3	81·0	75·8	78·1	86·2	73·9	12·3	147·4	61·2	72·1	1·8	NE by E	NE by E	82	108	190
19	·155	·059	·111	·097	83·6	82·4	76·0	77·3	86·6	67·9	18·7	141·6	55·0	64·9	3·0	NE	NE by E	64	138	202
20	·105	29·992	·076	·045	81·8	80·8	75·9	77·0	85·7	70·4	15·3	144·4	58·7	67·2	3·2	NE by E	NE	69	141	210
21	·093	·953	·083	·030	81·9	81·9	76·0	77·3	86·6	70·1	16·5	144·7	58·1	67·9	2·2	NE	NE by E	69	124	193
22	·072	·956	·054	·014	82·8	82·5	75·7	77·8	85·6	70·9	14·7	143·4	57·8	68·4	2·5	NE	ENE	78	104	182
23	·073	·976	·086	·034	82·2	80·8	76·6	76·9	86·1	68·8	17·3	146·7	60·6	65·8	3·0	NE by E	ENE	65	131	196
24	·102	·996	·088	·050	83·0	81·6	75·8	78·5	86·0	73·9	12·1	144·2	58·2	71·8	2·1	NE	NE	117	150	267
25	·100	·971	·056	·027	82·6	79·3	74·8	77·1	85·0	72·0	13·0	145·3	60·3	69·8	2·2	NE by N	NE	101	123	224
26	·085	·953	·068	·020	82·7	81·0	72·8	75·4	85·5	66·0	19·5	143·3	57·8	62·5	3·5	NE	NE by E	39	81	120
27	·108	30·000	·097	·056	82·8	81·1	74·7	75·7	86·5	65·1	21·4	143·7	57·2	62·7	2·4	NE	NE	41	107	148
28	·131	29·989	·063	·045	83·0	81·8	75·5	76·4	85·9	65·9	20·0	144·7	58·8	62·8	3·1	NE by N	NE by E	44	88	132
29	·060	·946	·017	29·995	81·8	81·8	74·0	75·8	86·4	66·6	19·8	145·9	59·5	63·8	2·8	NE by E	ENE	35	69	104
30	·056	·956	·001	·993	82·8	82·4	71·7	75·6	86·3	66·2	20·1	142·3	56·0	63·6	2·6	NE	E	27	43	70
31	·050	·972	·001	·999	82·2	82·0	76·2	76·5	86·6	66·5	20·1	143·9	57·3	63·9	2·6	ENE	E	28	30	58
Mean	30·100	29·986	30·071	30·039	81·8	80·8	74·5	75·9	85·4	67·8	17·6	144·7	59·3	65·2	2·5	...	...	55·3	108·2	163·5

JANUARY 1877.

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	68·5	67·9	64·9	65·1	59·2	·528	·532	·522	·511	·464	50	53	66	62	83	...	3	3	3·00	K. ☰ *pc.*	K. ☰ *pc.*	
2	65·8	65·9	62·1	63·3	59·2	·447	·473	·466	·470	·468	44	48	66	59	83	...	4	6	5·00	K. *pc.*	K. ☾ *c.*	
3	64·5	66·0	63·1	62·9	58·1	·454	·470	·503	·470	·437	51	47	70	62	80	...	6	3	4·50	K. *pc.*	K. ☰ ☾ *c.*	
4	67·9	66·9	64·9	64·7	59·1	·525	·487	·512	·498	·462	51	48	63	61	83	...	6	1	3·50	K. *pc.*	*b.*	
5	69·1	70·3	66·8	66·5	59·7	·542	·611	·563	·550	·483	51	59	68	66	88	...	2	1	1·50	K. *b.*	*b.*	
6	68·9	69·0	65·9	66·4	61·9	·561	·566	·574	·559	·531	55	56	76	67	89	...	3	4	3·50	K. ☰ *pc.*	K. *pc.*	
7	68·5	69·9	67·1	67·2	63·1	·537	·598	·563	·568	·544	52	58	65	65	87	...	3	2	2·50	K. ☰ *pc.*	C. *b.*	
8	71·1	67·2	64·9	66·5	62·9	·614	·501	·498	·540	·548	56	49	59	62	89	...	5	3	4·00	K. *pc.*	K. ☰ *pc.*	
9	68·2	69·6	66·9	66·5	61·2	·517	·584	·566	·542	·493	48	57	67	63	81	...	6	4	5·00	Ck. *pc.*	K. *pc.*	
10	71·0	70·3	70·1	68·8	63·6	·616	·612	·663	·611	·554	57	59	75	70	85	...	3	3	3·00	K. ☰ *pc.*	K. ☰ ☾ *c.*	
11	73·5	72·9	72·2	71·6	67·9	·708	·719	·737	·701	·646	64	70	82	75	85	...	4	7	5·50	Ck. ☰ *pc.*	Ck. *cloudy.*	
12	73·3	73·8	72·9	72·8	71·3	·719	·725	·786	·739	·731	68	67	90	78	86	0·01	7	6	6·50	K. *cloudy.*	K. *pc.*	
13	75·0	74·7	73·0	73·2	69·9	·765	·790	·773	·763	·713	68	78	86	82	92	...	8	4	6·00	C. *hazy.*	Cs. *pc.*	
14	73·8	75·8	72·1	72·5	68·2	·744	·833	·726	·742	·669	72	80	79	82	91	...	5	1	3·00	K. *pc.*	*b.*	
15	73·9	73·8	72·7	72·0	67·7	·733	·724	·754	·718	·660	67	67	88	77	92	...	4	1	2·50	K. ☰ *pc.*	*b.*	
16	74·8	72·9	72·0	72·1	68·8	·759	·699	·723	·712	·677	69	65	78	75	89	...	5	3	4·00	Ck. *pc.*	K. ☰ *pc.*	
17	74·6	73·5	71·1	72·5	70·7	·738	·702	·688	·708	·698	65	63	75	71	81	...	3	3	3·00	K. *pc.*	K. ☰ *pc.*	
18	72·9	71·0	69·4	71·4	72·1	·685	·626	·633	·681	·765	61	59	71	71	90	...	3	3	3·00	K. ☰ *pc.*	K. ☰ *pc.*	
19	69·7	71·9	69·9	68·9	64·0	·539	·645	·653	·596	·544	47	58	73	63	79	...	4	4	4·00	Ck. *pc.*	K. ☰ *pc.*	
20	71·8	71·6	69·3	69·8	66·4	·646	·652	·630	·639	·595	60	62	71	68	80	...	5	6	5·50	Ck. *pc.*	Ck. ☰ *pc.*	
21	71·2	71·8	70·0	69·9	66·8	·622	·645	·654	·634	·713	57	60	73	68	84	...	6	2	4·00	K. *pc.*	Cs. ☰ ☾ *c.*	
22	71·7	70·9	70·0	69·9	67·0	·628	·605	·659	·627	·610	57	54	74	65	80	...	4	3	3·50	Ck. ☰ *pc.*	K. *b.*	
23	71·8	71·3	70·9	69·9	65·6	·639	·632	·684	·641	·589	59	60	74	69	85	...	3	4	3·50	K. ☰ *pc.*	K. ☰ *pc.*	
24	72·9	72·1	70·0	71·0	69·0	·677	·658	·658	·659	·643	60	61	74	68	76	...	5	5	5·00	K. *pc.*	K. *pc.*	
25	71·9	70·7	69·0	69·9	67·8	·643	·637	·630	·639	·628	58	64	73	68	81	...	5	5	5·00	K. *pc.*	K. *pc.*	
26	70·2	69·8	67·3	67·8	63·9	·567	·580	·595	·579	·571	51	55	74	66	89	...	4	4	4·00	K. *pc.*	K. *pc.*	
27	70·9	69·7	68·0	67·8	62·7	·599	·573	·597	·576	·538	53	54	69	65	86	...	4	3	3·50	K. *pc.*	K. ☰ *pc.*	
28	70·9	70·9	68·9	68·4	63·0	·598	·612	·628	·589	·537	53	56	70	66	84	...	4	4	4·00	K. *pc.*	K. ☰ *pc.*	
29	70·5	69·9	68·9	68·3	63·9	·597	·573	·643	·593	·562	55	52	76	66	86	...	4	4	4·00	K. *pc.*	K. *pc.*	
30	71·7	71·7	67·9	68·8	63·8	·628	·634	·636	·612	·560	57	58	82	70	87	...	5	2	3·50	K. *pc.*	C. *b.*	
31	71·1	71·6	68·9	69·0	64·2	·613	·634	·613	·609	·572	56	58	68	67	88	...	4	3	3·50	K. *pc.*	K. ☰ *pc.*	
Mean	71·0	70·8	68·7	68·9	64·9	·619	·624	·630	·615	·587	57	59	73	68	85	0·01	4·42	3·45	3·94			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	29·995	29·900	29·971	29·944	83·2	82·0	74·5	76·5	86·1	67·2	18·9	145·8	59·7	64·0	3·2	E by S	SE by E	26	69	95
2	·948	·797	·895	·863	81·0	81·8	76·3	75·9	86·5	65·4	21·1	146·2	59·7	62·1	3·3	SE by S	ESE	42	98	140
3	·935	·797	·910	·865	82·7	81·3	78·1	78·1	85·3	70·7	14·6	143·5	58·2	67·6	3·1	SE by S	SE by E	61	128	189
4	·908	·755	·860	·824	85·9	81·7	78·9	79·8	89·5	73·3	16·2	143·2	53·7	70·1	3·2	SE by S	SE by S	57	151	208
5	·895	·744	·847	·812	85·7	84·8	79·4	81·2	92·2	75·7	16·5	143·5	51·3	73·9	1·8	S by E	SE by S	81	138	219
6	·918	·811	·876	·856	84·0	81·9	78·6	80·0	86·7	76·1	10·6	143·8	57·1	74·4	1·7	S by E	SE by S	106	133	239
7	·955	·803	·919	·875	85·8	83·0	78·4	80·0	87·7	73·5	14·2	144·2	56·5	70·7	2·8	SSE	SSE	53	150	203
8	30·000	·867	·034	·919	83·6	84·7	77·2	79·7	90·3	74·2	16·1	146·5	56·2	71·7	2·5	S by E	SE	58	102	160
9	29·993	·880	·958	·931	84·6	83·1	77·1	78·8	88·0	71·2	16·8	147·7	59·7	67·8	3·4	SE by S	SE by E	48	101	149
10	30·020	·910	30·017	·970	81·1	83·6	77·6	77·7	86·3	69·1	17·2	143·8	57·5	65·7	3·4	SE by E	ESE	32	100	132
11	·036	·918	29·985	·967	83·0	83·7	77·3	78·6	87·6	70·6	17·0	146·3	58·7	68·3	2·3	SE by S	SE by E	69	114	183
12	·023	·868	·957	·932	83·8	82·5	78·7	78·9	87·4	71·2	16·2	146·5	59·1	68·7	2·5	S by E	SE	64	158	222
13	·005	·896	·977	·947	82·7	82·7	77·8	78·5	87·4	71·7	15·7	148·9	61·5	68·5	3·2	SE by S	SE	61	135	196
14	·075	·988	30·096	30·043	83·8	81·8	78·6	78·8	86·6	71·6	15·0	148·0	61·4	69·0	2·6	SE by E	SE by E	57	89	146
15	·141	30·010	·087	·066	86·0	84·2	77·9	81·2	88·1	76·9	11·2	148·8	60·7	74·6	2·3	E by S	E	82	110	192
16	·115	·002	·062	·048	85·8	84·0	78·8	79·6	88·2	70·4	17·8	148·9	60·7	67·4	3·0	E by N	ENE	45	137	182
17	108	·013	·111	·067	85·8	84·7	78·8	81·2	88·3	75·9	12·4	149·2	60·9	73·4	2·5	ENE	E by N	93	121	214
18	·142	·028	·142	·092	80·8	84·1	78·1	79·0	88·5	73·6	14·9	146·6	58·1	70·6	3·0	E by N	E by N	79	131	210
19	·168	·041	·138	·103	84·8	82·8	77·4	78·2	88·0	68·4	19·6	146·6	58·6	65·7	2·7	E	ENE	41	118	159
20	·163	·072	·136	·115	84·6	83·0	77·7	78·4	86·6	68·9	17·7	144·4	57·8	65·8	3·1	ENE	E	40	89	129
21	·124	·008	·092	·063	82·8	82·7	78·8	78·2	87·0	69·4	17·6	146·0	59·0	66·6	2·8	E by N	E by N	37	113	150
22	·118	·031	·056	·059	83·8	82·8	76·8	78·6	87·9	71·6	16·3	148·1	60·2	68·0	3·6	E	E	47	74	121
23	·095	29·949	·044	·014	83·8	83·6	76·7	77·9	87·2	68·2	19·0	147·8	60·6	65·6	2·6	E by N	E by S	30	73	103
24	·080	·985	·075	·037	82·8	83·3	77·0	77·6	86·3	68·2	18·1	147·4	61·1	65·3	2·9	E	E by N	37	94	131
25	·105	·983	·064	·039	84·9	83·3	77·3	78·4	87·3	68·9	18·4	146·6	59·3	65·6	3·3	ENE	ENE	52	140	192
26	·110	·990	·081	·048	83·8	84·7	77·8	78·5	87·7	68·3	19·4	147·9	60·2	65·4	2·9	ENE	ENE	46	100	146
27	·102	·982	·047	·032	85·3	84·4	76·8	78·4	88·5	67·7	20·8	149·4	60·9	65·2	2·5	NE	NE	54	120	174
28	·087	·968	·056	·025	82·3	84·6	73·4	76·7	86·6	67·2	19·4	146·4	59·8	64·2	3·0	NE	E	38	64	102
Mean	30·049	29·928	30·014	29·984	83·9	83·3	77·6	78·7	87·6	70·0	16·7	146 5	58·9	68·1	2·8	...	...	54·9	112·5	167·4

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather-Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	68·1	71·6	68·9	68·3	64·7	·486	·634	·635	·584	·578	43	59	74	63	87	...	3	1	2·00	K. ☰ *pc.*	C. *b.*	
2	69·9	72·0	70·2	68·8	63·2	·586	·655	·658	·612	·552	56	60	73	69	89	...	2	1	1·50	Cs. ☰ ⌒ *c.*	C. *b.*	
3	71·9	73·1	72·9	71·4	67·8	·642	·699	·744	·681	·639	58	64	77	71	85	...	5	5	5·00	K. *pc.*	K. *pc.*	
4	73·0	75·0	74·8	73·4	70·8	·638	·780	·806	·736	·721	51	72	82	72	88	...	5	5	5·00	Ck. *pc.*	Ck. *pc.*	
5	72·9	74·7	74·3	73·7	72·3	·642	·722	·780	·729	·766	52	61	78	69	86	...	5	3	4·00	Ck. *pc.*	C. ☰ ⌒ *c.*	
6	75·3	74·8	73·9	74·4	72·9	·784	·766	·778	·777	·771	67	71	79	76	85	...	5	3	4·00	Ck. *pc.*	C. ☰ ⌒ *c.*	
7	75·8	74·8	74·8	74·1	71·0	·759	·751	·814	·760	·727	61	66	84	74	88	...	6	2	4·00	K. *pc.*	C. *b.*	
8	72·7	72·1	73·3	72·4	71·6	·655	·620	·766	·689	·739	57	52	82	69	88	...	6	4	5·00	Ck. *pc.*	Ck. *pc.*	
9	72·1	73·3	71·9	71·6	69·3	·620	·689	·717	·679	·690	52	60	76	69	90	...	5	5	5·00	Ck. *pc.*	Ck. *pc.*	
10	71·5	72·3	70·4	70·3	67·1	·644	·642	·749	·640	·638	61	56	68	67	90	...	3	2	2·50	Ck. ☰ *pc.*	K. *b.*	
11	71·3	71·5	71·6	70·4	67·0	·610	·609	·692	·635	·616	54	53	73	64	83	...	5	2	3·50	Ck. *pc.*	Cs. *b.*	
12	71·9	73·0	71·9	71·2	68·0	·625	·685	·692	·662	·644	54	61	71	67	85	...	3	3	3·00	K. ☰ *pc.*	C. ☰ ⌒ *c.*	
13	71·8	73·7	72·5	71·8	69·4	·632	·709	·728	·691	·690	57	63	77	71	89	...	6	2	4·00	K. *pc.*	Cs. *b.*	
14	72·9	72·1	71·9	71·5	69·1	·665	·659	·697	·675	·679	57	60	71	69	88	...	3	3	3·00	K. ☰ *pc.*	K. ☰ *pc.*	
15	73·9	73·2	70·9	72·1	70·6	·678	·670	·666	·667	·666	55	57	70	62	73	...	3	4	3·50	Ck. ☰ *pc.*	K. ☰ *pc.*	
16	72·9	74·5	72·2	71·7	66·9	·638	·726	·704	·670	·616	57	62	72	66	83	...	4	4	4·00	K. ☰ *pc.*	K. ☰ *pc.*	
17	73·9	73·5	70·9	72·1	69·9	·679	·676	·653	·665	·583	55	57	66	62	78	...	4	2	3·00	K. ☰ *pc.*	K. *b.*	
18	72·6	71·9	70·5	70·8	68·0	·692	·623	·646	·651	·613	66	53	68	65	74	...	6	2	4·00	K. *pc.*	C. *b.*	
19	71·6	71·1	69·9	69·5	65·1	·598	·605	·634	·606	·578	50	54	67	62	84	...	3	6	4·50	Ck. ☰ *pc.*	K. *cloudy.*	
20	71·9	73·3	69·8	70·3	65·1	·616	·720	·623	·633	·571	52	63	65	65	81	...	6	4	5·00	K. *pc.*	Ck. ☰ *pc.*	
21	73·9	71·5	69·4	70·3	65·9	·720	·623	·593	·634	·594	63	56	60	65	82	...	3	7	5·00	K. ☰ *pc.*	K. *cloudy.*	
22	69·9	73·3	68·9	69·8	66·7	·547	·692	·603	·613	·588	47	61	65	62	76	...	3	1	2·00	K. ☰ *pc.*	C. *b.*	
23	71·2	71·5	70·1	69·5	64·9	·597	·610	·649	·608	·576	52	54	71	63	84	...	2	1	1·50	K. *b.*	C. *b.*	
24	71·1	71·3	69·9	69·4	65·0	·605	·606	·640	·611	·577	54	53	69	64	85	...	4	2	3·00	Ck. *pc.*	Cs. *b.*	
25	71·9	70·7	68·2	69·1	65·0	·611	·584	·570	·588	·565	51	52	61	60	80	...	4	3	3·50	K. ☰ *pc.*	Ck. ☰ *pc.*	
26	70·9	71·2	69·9	69·1	64·0	·585	·584	·627	·585	·541	50	49	65	60	78	...	3	3	3·00	Ck. ☰ *pc.*	K. ☰ *pc.*	
27	69·9	70·1	67·8	68·0	63·9	·526	·546	·562	·545	·548	43	46	61	56	81	...	3	3	3·00	C. ☰ *pc.*	K. ☰ *pc.*	
28	68·2	69·9	66·9	67·0	62·5	·503	·538	·576	·534	·505	45	45	70	58	75	...	3	2	2·50	K. ☰ *pc.*	K. *b.*	
Mean	72·0	72·6	71·0	70·8	67·4	·628	·658	·679	·649	·628	54	58	71	66	83	...	4·04	3·04	3·54			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	30·077	29·971	30·043	30·020	83·3	84·7	76·6	78·0	89·7	67·5	22·2	148·8	59·1	65·1	2·4	E	E	34	89	123
2	·071	·952	·058	·016	83·8	84·5	77·8	78·5	88·3	68·5	19·8	148·0	59·7	65·5	3·0	E by N	E by N	30	88	118
3	·074	·951	·040	·011	84·1	84·7	77·6	78·3	88·8	67·6	21·2	149·1	60·3	64·7	2·9	E by N	E by N	42	72	114
4	·024	·909	29·970	29·957	84·8	83·6	78·3	79·0	88·7	70·1	18·6	147·8	59·1	67·9	2·2	E	SE	46	110	156
5	29·990	·849	·932	·911	85·8	82·8	78·6	79·1	89·9	70·1	19·8	148·2	58·3	67·7	2·4	SE by S	SE by S	61	142	203
6	30·016	·899	·985	·956	85·1	83·4	78·6	79·3	88·1	71·0	17·1	147·1	59·0	67·7	3 3	SSE	SE by S	60	117	177
7	·076	·944	30·008	·997	84·2	82·4	78·5	78·7	88·8	70·8	18·0	147·3	58·5	67·7	3·1	SE	SE by E	37	86	123
8	·036	·899	29·990	·962	85·8	84·5	77·0	78·9	89·4	69·1	20·3	148·5	59·1	65·9	3·2	SE by E	SE by E	37	75	112
9	·010	·872	·969	·937	85·0	83·6	75·4	77·9	88·3	68·3	20·0	146·9	58·6	64·9	3·4	SE by S	SE	45	78	123
10	·023	·897	·976	·953	85·1	83·3	73·2	77·0	88·7	67·3	21·4	149·2	60·5	64·7	2 6	SE	SE by E	42	66	108
11	29·993	·860	·945	·921	83·1	82·8	73·0	75·7	87·3	64·8	22·5	149·2	61·9	60·7	4·1	SE	SE	59	93	152
12	30·002	·893	·990	·952	82·8	83·7	77·6	77·0	86·0	64·8	21·2	148·9	62·9	61·5	3·3	SE by S	ESE	56	110	166
13	·052	·944	30·007	·991	85·4	83·9	79·4	79·4	89·1	69·8	19·3	142·5	53·4	66·8	3·0	SE by E	ESE	57	152	209
14	·052	·933	29·996	·983	84·0	84·2	80·0	80·6	88·7	74·4	14·3	143·5	54·8	72·7	1·7	ESE	ESE	47	104	151
15	·026	·895	·972	·952	87·1	84·3	79·3	81·8	88·4	76·9	11·5	143·3	54·9	75·0	1·9	SE by E	SE by E	72	146	218
16	·039	·906	30·006	·973	84·8	82·7	79·4	79·9	86·7	73·0	13·7	131·8	45·1	70·8	2·2	SE by S	ESE	49	92	141
17	·009	·891	29·992	·954	85·9	85·4	79·6	81·2	90·6	74·7	15·9	146·0	55·4	73·0	1·7	ESE	E by S	41	125	166
18	·013	·919	·994	·967	86·8	84·2	79·7	81·2	90·8	75·0	15·8	145·1	54·3	74·0	1·0	SE	E by S	49	114	163
19	29·996	·885	·980	·945	87·9	85·2	79·7	81·3	89·8	73·2	16·6	149·1	59·3	70·9	2·3	SE	SE by S	58	128	186
20	·988	·885	·972	·939	86·5	86·8	78·8	81·0	90·6	72·6	18·0	149·6	59·0	69·6	3·0	SE by S	SE	59	119	178
21	·988	·847	·933	·911	86·6	86·9	75·5	79·5	90·7	69·7	21·0	146·5	55·8	66·8	2·9	SSE	SE	68	102	170
22	·940	·833	·936	·894	85·1	84·6	78·6	79·2	89·4	69·1	20·3	143·8	54·4	66·1	3·0	SSE	SE by S	76	122	198
23	·987	·879	30·001	·947	85·2	84·8	78·2	79·3	87·7	69·9	17·8	140·6	52·9	66·9	3·0	SE by S	SE by S	55	105	160
24	30·018	·883	29·979	·949	85·0	82·9	79·3	79·1	87·5	70·1	17·4	135·4	47·9	67·8	2·3	SE by E	SE by E	47	134	181
25	29·987	·839	·935	·908	86·8	84·8	80·0	80·7	90·0	72·0	18·0	135·1	45·1	70·3	1·7	SE by S	SE	53	157	210
26	·947	·807	·928	·882	87·1	84·9	79·8	81·9	89·9	76·2	13·7	134·0	44·1	74·1	2·1	SSE	SE	77	157	234
27	·963	·841	·945	·906	87·2	86·1	80·6	81·6	89·6	73·4	16·2	141·4	51·8	70·8	2·6	SE	SE by E	69	128	197
28	·954	·817	·893	·877	88·9	85·4	81·0	82·3	91·5	74·7	16·8	136·8	45·3	72·5	2·2	SE	SE	75	167*	242
29	·956	·816	·887	·874	84·7	83·7	81·0	82·3	87·7	80·2	7·5	134·3	46·6	78·9	1·3	SSE	SE by S	113	119	232
30	·945	·800	·936	·882	88·2	82·9	81·8	82·7	90·3	78·4	11·9	133·8	43·5	76·6	1·8	SSE	SE by S	111	180	291
31	·970	·847	·940	·909	85·2	84·8	81·8	82·7	90·2	79·2	11·0	136·8	46·6	78·0	1·2	SE by S	SE	81	167	248
Mean	30·007	29·888	29·972	29·943	85·5	84·3	78·6	79·8	89·1	71·7	17·4	143·5	54·4	69·2	2·5	...	...	58·3	117·5	175·8

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	70·2	71·9	70·3	68·9	62·9	·558	·615	·658	·588	·517	48	51	72	61	80	...	3	1	2·00	K. ☰ *pc.*	*b.*	
2	71·7	72·9	70·8	70·3	65·3	·612	·656	661	·632	·583	54	56	70	64	84	...	2	1	1·50	Ks. *b.*	*b.*	
3	71·6	71·0	71·5	69·8	64·6	·607	·577	·690	·616	·570	52	48	74	63	84	...	1	0	0·50	C. *b.*	*b.*	
4	70·8	73·5	72·1	70·8	66·3	·572	·690	·706	·645	·597	47	60	73	65	80	...	5	2	3·50	C. *p.* ☇ *c.*	C. *b.*	
5	70·4	72·1	71·5	70·4	67·1	·536	·645	·677	·629	·625	43	58	70	62	85	...	3	0	1·50	K. ☰ *pc.*	*b.*	
6	72·1	73·0	72·0	71·4	68·3	·613	672	·699	·663	·658	51	59	72	66	86	...	3	1	2·00	K. ☰ *pc.*	*b.*	
7	71·9	72·2	71·9	71·0	67·9	·622	·655	·705	·657	·646	53	59	74	67	85	...	3	5	4·50	K. ☰ *pc.*	Ck. *pc.*	
8	74·0	73·8	72·1	71·8	66·8	·679	·690	·721	·685	·627	55	59	77	70	88	...	1	0	0·50	C. *b.*	*b.*	
9	74·0	72·5	70·7	70·9	66·1	·693	·649	·686	·666	·614	58	57	79	70	90	...	1	1	1·00	C. *b.*	*b.*	
10	74·1	71·1	67·5	69·5	64·9	·695	·601	·599	·621	·585	58	53	73	67	87	...	1	1	1·00	C. *b.*	*b.*	
11	68·5	67·9	66·9	66·4	61·8	·779	·485	·682	·525	·514	45	43	72	59	84	...	0	0	0·00	*b.*	*b.*	
12	68·6	71·9	70·2	68·0	61·1	·508	·625	·639	·566	·491	46	54	67	61	80	...	1	0	0·50	C. *b.*	*b.*	
13	73·9	74·6	74·2	72·3	66·2	·686	·732	·777	·698	·598	56	63	77	70	82	...	3	2	2·50	K. ☰ *pc.*	C. *b.*	
14	75·6	75·0	74·9	74·3	71·7	·773	·746	·801	·764	·742	66	63	78	73	87	...	5	7	6·00	Ck. *pc.*	Ck. *cloudy.*	
15	75·9	75·8	74·1	74·7	72·9	·748	·779	·774	·763	·759	58	66	77	71	82	...	6	4	5·00	Ck. *pc.*	K. ☰ *pc.*	
16	75·5	73·7	73·9	73·6	70·7	·760	·709	·767	·744	·722	63	63	76	73	89	...	6	7	6·50	Ck. *pc.*	Ck. *cloudy.*	
17	75·8	75·6	73·3	74·2	71·5	·758	·756	·736	·752	·731	61	62	73	71	85	...	7	7	7·00	Ck. *pc.*	K. *cloudy.*	
18	75·8	76·1	74·1	74·4	71·2	·745	·793	·769	·760	·715	58	68	76	71	81	...	7	4	5·50	Ck. *pc.*	Ck. ☰ *pc.*	
19	74·8	75·0	73·9	73·7	70·7	·685	·733	·760	·729	·718	52	60	75	69	88	...	4	2	3·00	Ck. *pc.*	Cs. *b.*	
20	72·9	74·7	73·0	72·8	70·0	·631	·695	·736	·697	·700	50	55	75	66	88	...	2	0	1·00	C. *b.*	*b.*	
21	73·2	73·5	71·0	71·3	67·1	·636	·643	·700	·658	·631	50	50	79	66	87	...	1	1	1·00	C. *b.*	*b.*	
22	69·2	73·6	72·0	70·3	66·0	·500	·442	·699	·621	·599	41	58	72	61	85	...	0	0	0·00	*b.*	*b.*	
23	71·5	71·1	70·0	70·0	67·1	·589	·579	·625	·611	·629	48	49	65	60	85	...	2	1	1·50	Cs. *b.*	*b.*	
24	71·0	72·3	72·9	70·6	65·7	·572	·652	·726	·636	·573	47	58	72	64	78	...	3	1	2·00	Ks. ☰ *pc.*	C. *b.*	
25	75·4	76·2	74·9	74·0	69·1	·726	·790	·801	·751	·670	57	66	78	72	85	...	2	1	1·50	K. *b.*	*b.*	
26	76·8	77·4	75·9	75·9	73·0	·785	·830	·845	·818	·771	61	70	82	75	86	...	5	1	3·00	Ck. *pc.*	C. *b.*	
27	75·3	75·9	75·7	74·6	71·2	·716	·762	·823	·762	·736	55	60	78	71	90	...	2	2	2·00	C. *b.*	Cs. *b.*	
28	74·8	78·6	77·5	75·8	72·0	·671	·887	·897	·806	·751	50	73	85	73	87	...	2	3	2·50	C. *b.*	Cs. ☰ ☇ *c.*	
29	78·4	77·8	77·8	77·6	76·3	·888	·872	·918	·884	·854	74	75	86	80	82	0·03	8	7	7·50	K. *cloudy.*	K. *cloudy.*	
30	77·8	76·8	76·0	76·5	75·5	·811	·841	·823	·830	·844	61	73	76	74	86	...	5	8	6·50	Ck. *pc.*	Cs. *cloudy.* ☇ *t. g.*	
31	75·7	76·1	74·9	75·3	74·5	·762	·785	·775	·777	·790	62	65	71	69	79	...	6	6	6·00	C. K. *pc.*	K. *pc.*	
Mean	73·5	74·0	72·9	72·3	68·6	·675	·696	·738	·695	·663	54	60	75	63	85	0·03	3 23	2·48	2·85			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	30·008	29·896	30·011	29·965	87·3	86·1	81·1	83·3	90·9	79·2	11·7	143·2	52·3	77·9	1·3	SE	ESE	92	139	231
2	·043	·946	·050	30·007	88·3	86·8	81·7	83·1	91·8	75·9	15·9	140·4	48·6	74·0	1·9	E	E by N	74	122	196
3	·027	·912	·033	29·984	89·9	86·4	82·7	84·5	91·2	79·3	11·9	135·2	44·0	78·0	1·3	E	ESE	81	113	194
4	·054	·937	·014	·995	88·9	86·9	81·7	84·2	91·5	79·7	11·8	141·7	50·2	78·4	1·3	ESE	E by S	84	132	216
5	29·998	·857	29·944	·924	88·9	85·9	81·6	83·0	92·2	76·2	16·0	147·4	55·2	75·0	1·2	E by S	ESE	47	123	170
6	·972	·824	·904	·891	88·3	85·0	82·3	83·1	91·4	77·0	14·4	139·6	48·2	74·9	2·1	SE	SE by E	57	134	191
7	·917	·776	·873	·846	88·2	86·8	81·7	83·6	90·9	78·2	12·7	138·4	47·5	76·3	1·9	SE	SE	81	167	248
8	·894	·724	·832	·806	88·9	85·7	82·7	84·4	91·0	80·6	10·4	136·4	45·2	79·7	0·9	SSE	SE by S	116	166	282
9	·896	·785	·878	·846	89·5	87·6	82·8	85·1	91·6	81·0	10·6	141·3	49·7	79·9	1·1	S by E	SE	141	161	302
10	·946	·852	·934	·905	88·6	84·5	81·7	83·5	91·1	79·5	11·6	140·6	49·5	77·9	1·6	SE by S	SE	118	154	272
11	·991	·854	·963	·927	88·9	85·9	81·8	84·1	90·7	80·0	10·7	142·8	52·1	78·7	1·3	SE by S	SE	117	158	275
12	·987	·834	·921	·906	89·9	86·8	81·5	84·3	90·6	79·3	11·3	139·6	49·0	77·8	1·5	SE	SE by E	91	130	221
13	·974	·844	·930	·908	87·6	86·0	81·4	82·3	91·4	75·0	16·4	139·2	47·8	72·5	2·5	SE	SE	59	137	196
14	·984	·859	·951	·923	88·2	87·5	81·2	82·9	91·3	75·4	15·9	141·6	50·3	72·7	2·7	SE	SE by E	58	122	180
15	·991	·872	·945	·928	87·7	87·9	81·3	82·6	93·2	73·8	19·4	147·7	54·5	71·1	2·7	SE	SE by E	46	118	164
16	·987	·881	·968	·938	88·9	86·0	80·8	82·4	91·0	74·8	16·2	145·8	54·8	72·4	2·4	SE	SE by E	51	114	165
17	·981	·875	·953	·930	88·5	87·1	81·7	82·3	91·1	72·8	18·3	141·8	50·7	71·6	1·2	SE	SE by E	62	131	193
18	·978	·855	·963	·925	87·4	86·6	80·9	82·1	91·3	74·3	17·0	134·4	43·1	71·8	2·5	SE	ESE	64	111	175
19	·989	·863	·965	·932	87·7	88·8	81·3	83·2	92·2	75·6	16·6	134·8	42·6	73·3	2·3	SE by E	SE by E	45	102	147
20	·934	836	·929	·895	91·2	87·1	81·6	83·5	93·4	74·8	18·6	130·1	36·7	72·2	2·6	SE by S	SE by E	67	132	199
21	·911	·801	·876	·857	91·1	86·7	81·5	84·0	91·4	77·0	14·4	136·4	45·0	74·8	2·2	S by E	SE	92	154	246
22	·860	·743	·836	·807	90·0	85·9	81·5	82·9	91·5	75·0	16·5	129·4	37·9	72·5	2·5	SE by S	SE	75	154	229
23	·852	·736	·848	·806	88·2	86·5	81·6	83·0	90·7	76·2	14·5	131·9	41·2	73·3	2·4	SE by S	SE	69	133	202
24	·832	·761	·864	·830	88·2	86·2	81·4	82·4	91·1	74·6	16·5	139·6	48·5	71·8	2·8	SE by S	ESE	54	99	153
25	·875	·754	·854	·822	89·3	86·8	82·3	83·1	92·5	74·0	18·5	141·5	49·0	71·6	2·4	SE	ESE	44	117	161
26	·832	·715	·848	·792	89·9	86·1	81·9	83·4	92·9	76·4	16·5	141·8	48·9	73·6	2·8	SE	SE by E	59	124	183
27	·866	·753	·838	·813	87·9	88·9	81·6	83·1	91·9	74·9	17·0	137·2	45·3	72·0	2·9	SE by S	SE by E	61	101	162
28	·887	·794	·881	·849	89·5	87·6	82·4	83·3	91·6	74·3	17·3	132·1	40·5	71·6	2·7	SE	SE by E	64	119	183
29	·898	·785	·860	·842	88·8	87·6	82·8	83·6	92·4	75·9	16·5	130·0	37·6	73·7	2·2	SE by E	ESE	57	142	199
30	·901	·803	·881	·856	91·2	89·6	83·3	84·5	93·1	74·8	18·3	132·8	39·7	72·5	2·3	ESE	ESE	40	115	155
Mean	29·944	29·824	29·918	29·888	88·9	86·8	81·8	83·3	91·6	76·5	15·1	138·5	46·9	74·5	2·1	...	...	72·2	130·8	203·0

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	75·0	75·8	73·9	74·6	73·3	·704	·756	·745	·742	·739	54	60	70	65	74	...	5	2	3·50	Ck. *pc.*	K. ☰ ☾ *c.*	
2	76·8	76·5	74·8	75·0	71·2	·760	·776	·767	·761	·703	56	61	71	67	78	...	3	5	4·00	K. ☰ *pc.*	Ck. *pc.*	
3	77·8	76·5	76·2	76·2	74·1	·790	·779	·844	·794	·775	56	62	73	67	78	...	5	5	5·00	Ck. *pc.*	Ck. *pc.*	
4	77·0	77·6	74·8	76·0	74·2	·767	·822	·799	·789	·772	56	64	71	67	76	...	5	2	3·50	Ck. *pc.*	Cs. *b.*	
5	77·0	76·8	75·2	75·5	72·7	·767	·800	·788	·783	·756	56	65	73	69	84	...	5	4	4·50	Ck. *pc.*	Cs. ☾ *pc.*	
6	77·1	76·2	76·4	75·8	73·2	·781	·787	·830	·796	·768	58	65	75	70	82	...	6	4	5·00	K. *pc.*	K. *pc.*	
7	77·8	77·8	76·8	76·9	74·6	·811	·831	·855	·839	·808	61	65	79	73	84	...	4	6	5·00	Ck. *pc.*	K. *cloudy.*	
8	78·4	79·2	78·2	78·1	76·1	·830	·910	·905	·879	·843	61	74	81	74	80	...	5	7	6·00	K. *pc.*	Ck. *cloudy. t.*	
9	79·0	79·7	78·5	78·7	77·0	·850	·905	·918	·893	·875	61	69	82	74	83	...	6	6	6·00	Ck. *pc.*	C. K. *pc.*	
10	79·7	77·4	77·4	77·7	76·2	·892	·845	·884	·873	·860	66	72	82	76	86	...	8	7	7·50	K. *cloudy.*	K. *cloudy*	
11	78·9	77·2	76·7	77·2	75·8	·857	·818	·851	·840	·838	63	66	79	72	82	...	6	3	4·50	Ck. *pc.*	C. ☰ ☾ *c.*	
12	77·1	76·5	75·1	76·0	75·2	·760	·776	·785	·788	·821	54	60	73	67	82	...	4	1	2·50	K. ☰ *pc.*	C. S. *b.*	
13	74·4	75·2	75·0	74·3	72·0	·674	·731	·782	·740	·746	51	58	73	67	86	...	3	2	2·50	K. ☰ *pc.*	C. *b.*	
14	76·0	75·9	74·8	74·8	72·2	·735	·744	·773	·752	·749	55	57	73	67	85	...	3	2	2·50	Ck. ☰ *pc.*	Ck. ☰ *pc.*	
15	75·1	76·8	75·8	74·8	70·7	·704	773	·813	·757	·711	54	59	73	68	86	...	6	3	4·50	Ck. *pc.*	Ck. ☰ *pc.*	
16	76·3	75·5	74·3	74·5	71·6	·738	·743	·760	·745	·733	54	60	72	67	85	...	5	1	3·00	Ck. *pc.*	C. *b.*	
17	73·5	75·5	73·9	73·3	69·6	·624	·728	·737	·699	·683	47	57	68	63	85	...	4	2	3·00	C. K. ☰ *pc.*	Cs. *b.*	
18	75·0	76·8	74·8	74·5	70·3	·701	·798	·779	·753	·688	54	62	74	69	81	...	3	2	2·50	Ck. ☰ *pc.*	C. *b.*	
19	75·4	75·8	75·0	74·7	71·6	·716	·718	·786	·743	·719	54	53	74	65	81	...	4	1	2·50	Ck. *pc.*	C. *b.*	
20	75·3	77·2	75·8	75·2	71·8	·662	·800	·816	·765	·740	45	62	76	66	86	...	3	1	2·00	C. ☰ *pc.*	C. *b.*	
21	74·8	76·8	75·9	75·4	73·8	·642	·788	·824	·767	·791	44	62	77	66	86	...	2	1	1·50	C. *b.*	C. *b.*	
22	77·4	75·8	75·5	75·3	71·8	·772	·758	·803	·777	·738	55	61	75	69	86	...	3	1	2·00	K. S. ☰ *pc.*	Cs. *b.*	
23	76·8	76·0	74·8	75·2	72·9	·768	·757	·770	·771	·770	57	60	72	68	85	...	3	3	3·00	Ck. ☰ *pc.*	C ☰ ☾ *c.*	
24	76·8	76·0	75·0	74·9	71·0	·768	·762	·782	·768	·713	57	61	73	69	84	...	5	6	5·50	C. ☾ *c.*	Ck. ☾ *pc.*	
25	75·8	76·0	76·7	75·1	70·9	·693	·754	·846	·765	·720	50	59	77	67	86	...	4	5	4·50	C. ☰ *pc.*	C. ☾ *pc.*	
26	77·0	76·2	75·8	75·6	72·9	·753	·770	·812	·783	·766	58	62	75	68	84	...	6	6	6·00	C. ☾ *pc.*	Cs. *cloudy.*	
27	76·0	76·7	75·8	75·2	71·6	·737	·756	·816	·768	·732	56	56	76	67	85	...	5	1	3·00	Ck. ☾ *pc.*	C. *b.*	
28	75·6	76·7	75·9	75·1	71·3	·698	·780	·811	·763	·727	50	59	73	66	86	...	2	2	2·00	C. ☰ ☾ *c.*	Cs. *b.*	
29	77·9	77·8	75·4	76·2	72·7	·811	·822	·780	·804	·771	59	63	69	69	86	...	1	0	0·50	Cs. ☾ *c.*	*b.*	
30	78·5	77·1	75·7	75·8	71·2	·804	·763	·788	·777	·718	55	54	69	65	84	...	4	4	4·00	Ck. *pc.*	Ck. ☰ *pc.*	
Mean	76·6	76·7	75·7	75·6	72·8	·752	·785	·808	·782	·759	55	62	74	68	83	...	4·27	3·17	3·72			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	29·875	29·776	29·864	29·833	89·9	88·0	83·1	84·2	93·0	76·7	16·3	134·7	41·7	74·2	2·5	SE	SE	63	142	205
2	·875	·760	·817	·811	87·7	87·1	82·4	83·0	91·5	75·4	16·1	133·9	42·4	72·1	3·3	SE	SE by S	70	133	203
3	·873	·792	·902	·852	89·2	88·9	82·7	84·5	92·1	77·4	14·7	130·9	38·8	74·9	2·5	SE by S	SE	75	140	215
4	·915	·805	·893	·865	89·2	87·6	82·8	83·6	93·0	75·7	17·3	140·0	47·0	72·9	2·8	SE by S	SE	71	151	222
5	·888	·767	·837	·825	93·2	87·8	81·9	84·9	96·7	77·4	19·3	142·9	46·2	74·7	2·7	S by E	SE by S	88	137	225
6	·863	·710	·791	·780	93·5	88·9	82·9	85·7	96·7	78·2	18·5	129·5	32·8	75·8	2·4	S by E	SE	105	138	243
7	·802	·706	·802	·765	91·1	88·3	83·8	86·2	92·6	81·0	10·7	137·5	44·9	80·6	1·3	S by E	SSE	111	157	268
8	·870	·764	·863	·826	89·6	88·1	82·5	85·6	92·8	82·6	10·2	134·1	41·3	81·6	1·0	S by E	SE	119	148	267
9	·911	·783	·865	·846	88·9	86·8	81·8	83·3	91·9	76·0	15·9	138·0	46·1	73·5	2·5	SE by S	SE by E	52	117	169
10	·867	·767	·869	·829	89·9	87·9	81·8	83·8	90·8	76·0	14·8	146·4	55·6	73·0	3·0	SE by S	SE by S	65	119	184
11	·841	·710	·793	·774	91·9	89·8	82·0	85·0	93·3	77·1	16·2	141·4	48·1	74·0	3·1	SSE	SE	76	132	208
12	·835	·720	·846	·794	89·5	87·8	82·8	84·0	93·0	76·6	16·4	140·7	47·7	73·6	3·0	SE by S	SE by S	79	121	200
13	·835	·758	·830	·804	92·0	88·0	82·0	84·7	94·2	77·4	16·8	138·7	44·5	74·6	2·8	SE by S	SE by E	53	75	128
14	·829	·722	·819	·784	87·3	87·0	79·8	82·4	91·5	76·3	15·2	119·7	28·2	73·6	2·7	SSE	SE by E	19	31	50
15	·779	·694	·731	·730	90·1	88·0	82·7	83·8	91·8	75·2	16·6	113·3	21·5	72·7	2·5	NE	N by E	48	152	200
16	·726	·640	·652	·669	78·4	73·2	79·5	77·1	83·1	77·5	5·6	101·2	18·1	76·8	0·7	N by W	N by W	120	204	324
17	·600	·508	·567	·554	75·8	76·4	77·0	76·1	78·1	75·1	3·0	91·7	13·6	74·6	0·5	NNW	NNW	246	294	540
18	·492	·432	·592	·502	75·0	75·8	77·1	75·8	77·1	75·2	1·9	...	...	67·6	7·6	WNW	WSW	327	285	612
19	·689	·619	·746	·682	83·5	85·2	80·2	81·6	90·2	75·9	14·3	138·3	48·1	72·9	3·0	SW by S	S	162	175	337
20	·848	·741	·807	·794	88·6	85·6	82·2	83·6	92·4	78·2	14·2	142·5	50·1	76·7	1·5	SSW	SSE	92	135	227
21	·895	·788	·883	·850	88·9	90·5	83·2	85·2	95·8	79·1	16·7	147·4	51·6	77·6	1·5	S by W	SSE	73	109	182
22	·927	·765	·889	·853	86·8	89·1	81·8	84·4	91·3	80·3	11·0	146·3	55·0	79·2	1·1	S	S	111	120	231
23	·880	·753	·878	·832	89·9	91·4	82·4	85·4	100·3	78·8	21·5	147·4	47·1	77·8	1·0	SW by S	S by W	103	68	171
24	·858	·729	·847	·806	92·1	90·9	84·9	87·0	100·7	80·8	19·9	144·1	43·4	79·7	1·1	SS W	S by E	95	147	242
25	·845	·712	·822	·787	93·3	97·5	85·2	88·9	107·3	80·6	26·7	141·8	34·5	79·9	0·7	WSW	S	151	114	265
26	·772	·679	·784	·741	93·7	95·3	86·8	89·1	106·2	81·5	24·7	136·0	29·8	79·6	1·9	SW by W	S by E	115	120	235
27	·823	·693	·788	·762	96·2	90·9	84·9	88·5	104·7	82·6	22·1	141·1	36·4	81·6	1·0	WSW	SE by S	122	131	253
28	·829	·704	·809	·776	94·1	91·3	85·2	87·7	105·5	80·8	24·7	136·8	31·3	79·3	1·5	SSW	S by E	112	128	240
29	·857	·754	·857	·819	95·9	90·7	83·2	87·4	104·7	80·7	24·0	137·7	33·0	79·6	1·1	S by W	SE by S	105	110	215
30	·865	·728	·863	·813	94·1	91·9	84·4	87·6	103·6	80·7	22·9	141·4	37·8	79·6	1·1	S	S by E	102	150	252
31	·870	·761	·862	·826	93·0	89·9	83·6	87·0	102·1	81·4	20·7	141·7	39·6	80·1	1·3	SSW	SSE	84	148	232
Mean	29·827	29·717	29·812	29·780	89·5	87·9	82·5	84·4	94·8	78·4	16·4	135·2	39·9	76·3	2·1	...	...	103·7	139·7	243·4

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	77·0	76·0	74·6	75·1	71·9	·753	·737	·740	·750	·719	54	56	71	64	78	...	4	1	2·50	Ck. *pc.*	C. *b.*	
2	73·9	76·2	75·4	74·4	71·1	·656	·756	·787	·736	·705	49	53	71	65	80	...	2	0	1·00	C. *b.*	C. *b.*	
3	76·8	77·9	76·6	76·3	72·9	·754	·811	·820	·798	·753	55	59	75	67	80	...	3	1	2·00	K. ☰ *pc.*	K. *b.*	
4	77·0	79·8	77·8	77·2	72·8	·765	·912	·886	·847	·766	56	70	79	73	86	...	3	3	3·00	Ck. ☰ *pc.*	K. ☰ ☾ *c.*	
5	76·5	75·8	77·8	76·3	74·5	·689	·731	·898	·793	·813	45	56	83	66	86	...	5	3	4·00	C. ☾ *pc.*	C. ☰ *pc.*	
6	75·8	79·0	78·6	77·4	75·2	·655	857	·921	·830	·835	42	63	82	67	86	...	2	2	2·00	C. *b.*	Cs. *b.*	
7	79·6	79·5	78·5	78·7	76·8	·855	·886	·906	·880	·854	59	67	78	70	79	...	9	8	8·50	Ck. *cloudy.*	K. *cloudy.*	
8	78·9	78·8	77·2	78·2	76·0	·848	·859	·865	·865	·899	61	65	78	70	81	...	8	3	5·50	Ck. *cloudy.*	Cs. ☰ *pc.*	
9	76·8	76·6	76·0	75·8	73·2	·766	·780	·823	·792	·782	56	61	76	69	86	...	6	2	4·00	Ck. *pc.*	C. *b.*	
10	75·8	76·5	76·7	75·6	72·5	·703	·759	·851	·778	·751	50	57	79	67	84	...	1	5	3·00	C. *b.*	K. *pc.*	
11	77·9	77·0	78·4	76·9	74·0	·771	·757	·925	·821	·800	51	54	85	68	86	...	5	3	4·00	Ck. *pc.*	Cs. ☰ *pc.*	
12	78·2	77·8	77·8	77·2	74·5	·814	·818	·886	·844	·825	58	62	79	72	91	...	5	6	5·50	C. ☾ *pc.*	C. ☾ *c.*	
13	77·8	79·0	76·8	77·1	74·1	·762	·871	·853	·831	·800	51	66	78	70	85	...	5	6	5·50	C. *pc.*	Ck. *cloudy.*	
14	76·1	75·8	75·7	75·8	73·1	·751	·733	·836	·783	·773	58	57	82	71	85	...	9	9	9·00	C. *cloudy.*	C. *cloudy.*	
15	66·8	76·0	78·1	72·3	66·5	·345	·737	·902	·640	·536	25	56	81	55	60	0·48	9	10	9·50	C. *cloudy.*	*o. t.* ☾ *q. r.*	
16	76·8	72·0	74·9	74·8	75·5	·902	·771	·808	·831	·858	93	94	80	90	91	1·52	10	10	10·00	*o.*	*o. t.* ☾ *q.*	
17	74·8	75·0	76·0	74·8	73·2	·848	·849	·886	·845	·791	95	93	95	94	90	6·17	10	10	10·00	*o.*	*o.* ☾ *g.*	
18	74·0	74·2	74·8	74·3	74·1	·828	·826	·831	·828	·828	95	93	90	93	95	13·01	10	10	10·00	*o. t. r.* ☾ *g.*	*o.*	
19	75·6	77·4	77·1	75·8	72·2	·780	·837	·864	·816	·742	68	69	79	76	83	0·01	9	9	9·00	Ck. *cloudy.*	K. *cloudy.*	
20	78·1	77·0	77·3	77·1	75·0	·821	·813	·892	·844	·827	61	66	81	73	85	...	2	3	2·50	Cs. *b.*	Cs. ☰ *pc.*	
21	79·8	80·2	79·5	79·1	76·6	·894	·893	·959	·913	·883	66	62	84	75	89	...	6	5	5·50	Ck. *pc.*	Ck. *pc.*	
22	79·4	80·8	76·1	78·5	77·4	·903	·938	·825	·895	·901	70	68	77	76	87	0·08	3	5	4·00	Cs. ☰ *pc.*	Cs. *pc. r. t.* ☾ *g.*	
23	78·5	81·2	75·8	77·5	73·5	·820	·929	·806	·836	·755	58	63	73	68	77	...	3	4	3·50	C. ☰ *pc.*	K. ☰ *pc. t.*	
24	79·8	80·8	78·8	78·9	75·4	·851	·918	·902	·883	·807	56	63	76	69	76	...	2	2	2·00	C. *b.*	K. ☰ *pc.* ☾ *g.*	
25	78·3	80·8	80·2	78·6	74·2	·766	·824	·963	·840	·758	49	47	79	62	72	...	1	4	2·50	Cs. *b.*	K. ☰ *pc.* ☾ *g.*	
26	77·9	80·7	80·0	78·3	73·7	·747	·852	·934	·824	·726	47	51	73	60	67	...	1	3	2·00	C. *b.*	K. ☰ *pc.* ☾ *g.*	
27	78·9	79·8	80·0	77·9	71·5	·759	·866	·958	·817	·623	44	60	79	61	56	...	1	2	1·50	C. *b.*	Ck. *b.* ☾ *g.*	
28	79·9	82·6	80·1	79·5	74·3	·834	·998	·960	·898	·760	52	68	79	69	72	...	3	4	3·50	Cs. ☰ ☾ *c.*	Ck. ☰ *pc.* ☾ *g.*	
29	78·4	81·7	79·4	79·0	75·7	·735	·961	·954	·877	·823	43	67	84	67	78	...	6	2	4·00	C. ☾ *pc.*	Cs. ☰ *pc.*	
30	78·0	79·5	79·4	78·8	77·7	·744	·838	·937	·868	·910	47	56	79	67	87	...	2	2	2·00	C. *b.*	C. *b.* ☾ *g.*	
31	76·7	77·9	78·2	77·2	75·4	·688	·798	·892	·804	·801	44	56	77	62	74	...	6	4	5·00	C. ☾ *pc.*	Cs. ☰ *pc.*	
Mean	77·1	78·2	77·6	76·9	74·1	·768	·836	·880	·826	·787	57	64	79	70	81	21·27	4·87	4·55	4·71			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	29·822	29·723	29·794	29·777	96·5	90·1	82·6	87·5	103·5	81·7	21·8	140·8	37·3	80·8	0·9	SW by S	SSE	104	114	218
2	·763	·679	·766	·733	96·7	90·7	82·8	87·5	101·6	80·6	21·0	135·1	33·5	79·8	0·8	SW by S	SE by S	104	125	229
3	·776	·664	·764	·731	95·5	90·9	85·4	88·0	100·4	81·0	19·4	147·8	47·4	80·2	0·8	S by W	SSE	87	114	201
4	·774	·673	·763	·733	96·9	86·8	83·7	87·3	101·5	82·5	19·0	142·6	41·1	81·9	0·6	SSW	SE by S	101	121	222
5	·784	·694	·817	·762	95·9	89·9	84·9	88·0	97·3	82·0	15·3	144·0	46·7	81·5	0·5	S	SE by S	97	98	195
6	·809	·679	·812	·763	90·9	88·3	83·8	85·8	94·9	80·6	14·3	145·9	51·0	79·9	0·7	S	SSE	83	138	221
7	·845	·727	·853	·804	90·9	86·9	82·9	85·3	91·8	80·9	10·9	143·7	51·9	80·4	0·5	S	SSE	139	176	315
8	·842	·705	·812	·782	89·9	86·9	83·7	85·1	91·2	80·2	11·0	142·7	51·5	79·8	0·4	S	S by E	140	152	292
9	·842	·714	·815	·786	90·5	86·9	83·6	85·1	99·6	80·1	19·5	141·8	42·2	79·6	0·5	S by W	S by E	123	148	271
10	·836	·694	·863	·793	86·8	85·8	78·8	83·1	91·6	81·4	10·2	125·9	34·3	80·6	0·8	SSE	SSE	43	96	139
11	·782	·685	·802	·753	86·8	86·8	82·3	82·8	91·9	76·2	15·7	134·4	42·5	75·8	0·4	W by S	S by E	33	63	96
12	·798	·696	·806	·764	86·0	85·8	81·5	81·4	88·8	...	...	141·3	52·5	...	...	WSW	SE by S	26	114	140
13	·828	·756	·852	·810	86·4	85·9	79·6	82·4	94·0	78·5	15·5	142·2	48·2	75·7	2·8	S by W	S by E	71	126	197
14	·861	·753	·841	·815	85·8	87·4	82·6	83·2	94·8	77·9	16·9	141·9	47·1	76·8	1·1	SSW	S	91	110	201
15	·874	·760	·861	·828	89·3	89·4	84·7	85·8	100·4	80·4	20·0	144·3	42·9	79·2	1·2	SSW	S	105	95	200
16	·826	·701	·756	·758	90·9	98·9	84·7	88·7	103·1	80·9	22·2	145·5	42·4	79·7	1·2	SW by W	SW by S	132	80	212
17	·782	·724	·783	·762	90·9	86·6	83·2	85·0	95·9	...	...	137·7	41·8	...	...	WSW	SE by S	156	103	259
18	·825	·747	·840	·802	90·4	89·9	80·6	85·5	95·9	81·4	14·5	141·0	45·1	80·5	0·9	WSW	SE by S	154	118	272
19	·836	·748	·811	·796	90·9	80·8	78·8	82·4	103·1	80·0	23·1	141·9	38·8	78·8	1·2	SW by W	SW by W	139	77	216
20	·821	·707	·803	·775	89·0	95·9	82·7	86·3	97·6	78·2	19·4	140·3	42·7	76·8	1·4	SSW	SSW	89	115	204
21	·780	·636	·746	·718	90·4	95·3	85·3	86·9	100·2	77·2	23·0	139·2	39·0	74·8	2·4	SW by W	SW by W	99	141	240
22	·764	·635	·739	·710	91·2	98·9	90·2	90·1	102·0	81·0	21·0	145·3	43·3	79·4	1·6	SW	WSW	119	143	262
23	·773	·641	·729	·711	92·0	100·3	91·2	91·4	102·1	82·7	19·4	144·0	41·9	81·7	1·0	WSW	SW by W	141	156	297
24	·767	·621	·702	·694	92·6	95·0	81·8	87·9	101·4	83·0	18·4	143·5	42·1	81·7	1·3	SW by W	SSW	138	93	231
25	·733	·640	·736	·701	90·0	96·7	84·5	87·5	98·6	79·7	18·9	141·3	42·7	77·5	2·2	SW by W	SW by S	85	111	196
26	·746	·636	·750	·709	91·8	97·1	84·8	88·3	99·2	80·1	19·1	141·9	42·7	77·7	2·4	W by S	W	84	118	202
27	·788	·665	·747	·730	92·1	98·7	90·2	90·8	99·9	83·0	16·9	140·3	40·4	81·7	1·3	W by S	W by S	156	126	282
28	·796	·695	·793	·759	91·9	98·9	84·0	89·2	103·0	82·9	20·1	144·3	41·3	81·5	1·4	W	SW by W	138	107	245
29	·820	·714	·822	·783	92·9	92·5	84·9	88·1	103·3	83·0	20·3	144·4	41·1	81·5	1·5	W	SW	137	98	235
30	·830	·705	·783	·770	92·4	89·3	83·5	86·4	102·4	81·3	21·1	147·3	44·9	79·5	1·8	W by S	S by E	108	95	203
Mean	29·804	29·694	29·792	29·760	91·1	91·1	83·8	86·4	98·4	80·7	18·1	141·7	43·4	79·5	1·2	...	...	107·4	115·7	223·1

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	77·7	78·5	78·3	77·2	74·0	·697	·819	·912	·797	·738	40	58	82	61	68	...	2	2	2·00	Cs. *b.*	C. *b.*	
2	77·5	78·2	78·8	77·1	73·4	·685	·797	·930	·790	·727	40	55	83	61	70	...	2	2	2·00	C. *b.*	Cs. *b.*	
3	78·1	77·6	78·6	77·9	77·2	·726	·768	·885	·825	·884	43	52	73	62	83	...	2	2	2·00	Cs. *b.*	Cs. *b.*	
4	77·5	79·5	79·8	78·2	75·6	·680	·910	·962	·844	·793	39	71	83	65	71	...	2	4	3·00	C. *b.*	Cs. *b.* ☾ *g.*	
5	77·8	79·8	77·8	78·2	76·8	·709	·880	·857	·835	·853	42	63	72	63	79	...	6	3	4·50	C. ☾ *p. c.*	Cs. ☰ ☾ *c. g.*	
6	75·6	78·9	77·9	76·7	74·1	·679	·864	·879	·797	·753	47	65	75	65	72	...	4	5	4·50	K. *p. c.*	K. *p. c.* ☾ *g.*	
7	77·8	78·8	77·0	77·3	75·1	·776	·875	·848	·830	·794	54	69	75	68	74	...	3	1	2·00	C. ☰ *p. c.*	Ck. *b.*	
8	77·0	79·0	77·2	77·4	75·8	753	·884	·847	·838	·833	53	69	73	69	80	...	4	5	4·50	K. ☰ *p. c.*	Ck. ☰ *p. c.*	
9	76·0	77·0	78·8	76·5	73·9	·703	·794	·917	·799	·758	49	62	80	66	74	...	6	5	5·50	Ks. *p. c.*	C. *p. c.* ☾ *g.*	
10	79·0	77·9	72·9	76·5	77·1	·888	·852	·732	·826	·875	70	68	74	74	82	0·11	8	8	8·00	K. *cloudy.*	Ck. *cloudy. t.* ☾ *g.*	
11	79·8	78·2	79·6	77·8	72·9	·922	·850	·975	·886	·770	72	67	88	79	85	1·11	9	8	8·50	K. *cloudy.*	Ck. *cloudy.* ☾ *g.*	
12	79·0	78·8	77·7	77·1	72·1	·898	·890	·900	·875	...	72	72	84	82	...	0·21	8	9	8·50	C. *cloudy. r. t.* ☾ *g.*	C. *cloudy.* ☾ *g.*	
13	75·8	77·7	75·5	75·6	72·6	·751	·840	·830	·797	·721	59	67	82	72	74	0·49	7	7	7·00	Ck. *cloudy.*	K. *cloudy.*	
14	75·8	77·3	78·8	76·5	73·6	·759	·802	·934	·823	·771	61	62	84	73	81	...	8	7	7·50	Ck. *cloudy.*	Ck. *cloudy.*	
15	76·0	78·9	76·9	76·7	74·6	·720	·850	·825	·797	·775	52	61	69	65	74	...	3	4	3·50	C. ☰ ☾ *c.*	Ck. ☰ *p. c.*	
16	76·1	77·8	79·8	76·8	73·0	·703	·668	·949	·761	·705	48	36	79	56	67	...	6	6	6·00	C. *p. c.*	Ck. *p. c.*	
17	76·0	69·0	77·9	76·8	73·4	·696	·890	·890	·813	...	48	70	78	67	...	...	6	7	6·50	C. *p. c.*	C. *cloudy.*	
18	74·7	77·8	74·4	75·0	72·4	·647	·790	·768	·728	·675	46	56	73	59	62	...	7	8	7·50	C. ☾ *p. c.*	Cs. *cloudy.* ☔	
19	74·4	74·5	75 7	74·4	73·0	·628	·769	·849	·743	·719	43	73	86	67	70	0·25	6	9	7·50	C. K. *p. c.*	K. *cloudy. t.* ☾ *g.*	
20	76·6	78·9	78·9	77·2	74·0	·748	·762	·942	·812	·785	55	45	84	65	82	0·02	6	5	5·50	K. *p. c.*	Ck. ☾ *p. c.*	
21	75·3	76·1	74·2	74·5	72·0	·675	·643	·697	·685	·717	47	39	58	54	77	...	5	9	7·00	C. ☾ *p. c.*	C. *cloudy.*	
22	75·4	76·2	74·9	75·3	74·1	·669	·599	·664	·680	·749	45	32	46	47	71	...	6	8	7·00	Ck. *p. c.*	K. *cloudy.*	
23	74·2	75·8	74·2	74·6	74·1	·607	·563	·617	·630	·728	40	29	42	43	65	...	4	6	5·00	K. *p. c.*	K. *p. c.*	
24	76·7	77·8	78·9	76·9	73·6	·704	·721	·952	·780	·700	46	44	87	59	61	0·11	7	7	7·00	K. ☾ *p. c.*	K. *cloudy.*	
25	75·1	75·7	77·5	75·3	72·5	·670	·607	·849	·714	·703	47	35	71	55	70	0·05	9	9	9·00	*Cloudy.*	Ck. *cloudy.*	
26	75·8	74·8	79·8	75·7	71·8	·677	·561	·949	·722	·670	45	32	79	54	65	...	9	9	9·00	C.	C. *cloudy.*	
27	75·1	75·4	72·9	73·9	71·9	·643	·568	·581	·612	·637	43	30	40	42	57	...	9	8	8·50	C. *cloudy.*	C. K. *cloudy.*	
28	74·9	74·9	78·6	75·2	72·0	·640	·545	·902	·686	·638	43	29	77	50	57	...	5	6	5·50	C. ☾ *p. c.*	K. *p. c.*	
29	75·0	76·5	75·1	74·7	71·2	·626	·698	·741	·676	·607	40	46	61	51	53	...	3	5	4·00	C. ☰ ☾ *c.*	K. *p. c.*	
30	74·8	78·5	78·1	76·0	71·8	·633	·830	·889	·757	·652	41	61	77	60	61	0·01	3	7	5·00	C. ☰ ☾ *c.*	K. *cloudy.*	
Mean	76·4	77·5	77·2	76·3	73·7	·710	·763	·849	·772	·740	49	54	74	62	71	2·36	5·50	6·03	5·77			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	29·807	29·672	29·748	29·739	92·9	100·1	84·1	89·7	103·4	82·3	21·1	148·2	44·8	80·9	1·4	WSW	SSW	121	128	249
2	·799	·696	·794	·761	93·0	100·0	85·2	90·2	103·1	83·3	19·8	146·6	43·5	81·8	1·5	W by S	SW by S	114	124	238
3	·797	·684	·782	·752	92·2	94·5	84·3	88·4	101·9	83·3	18·6	149·0	47·1	82·1	1·2	W by S	S by W	130	110	240
4	·776	·688	·784	·747	93·2	92·7	84·2	88·1	103·4	83·2	20·2	146 6	43·2	81·9	1·3	W by S	S	118	105	223
5	·811	·722	·812	·780	93·9	88·5	84·2	87·1	102·7	82·4	20·3	146·0	43·3	81·2	1·2	SW by W	SE by S	99	117	216
6	·833	·743	·838	·803	94·0	88·9	84·0	87·0	103·5	81·7	21·8	144·4	40·9	79·7	2·0	SW	SE by S	111	122	233
7	·822	·729	·854	·800	93·2	89·9	85·5	87·2	102·3	81·1	21·2	142·4	40·1	79·1	2·0	SW	S by E	105	114	219
8	·806	·698	·810	·769	95·6	93·9	82·8	88·6	104·7	82·8	21·9	141·2	36·5	81·9	0·9	SW by W	SE by S	116	112	228
9	·825	·713	·838	·790	94·9	93·3	85·9	88·8	103·8	82·0	21·8	143·1	39·3	81·2	0·8	SW	S	135	110	245
10	·833	·717	·800	·781	93·4	98·1	84·2	89·1	102·8	81·5	21·3	147·2	44·4	80·8	0·7	SW by W	SW by S	132	126	258
11	·812	·715	·802	·774	93·7	91·1	83·8	87·7	104·0	82·0	22·0	144·0	40·0	80·9	1·1	SW by W	S by E	131	116	247
12	·780	·684	·735	·731	93·7	88·9	83·0	86·7	104·6	82·0	22·6	144·4	39·8	80·9	1·1	SW by W	S by W	126	148	274
13	·779	·626	·692	·696	92·9	86·8	83·6	86·2	101·8	82·4	19·4	146·4	44·6	81·0	1·4	SW by W	S by W	120	150	270
14	·768	·667	·792	·740	93·7	89·0	84·0	87·2	103·5	82·8	20·7	143·7	40·2	81·7	1·1	SW by W	S	135	132	267
15	·828	·729	·841	·797	95·1	90·2	84·6	87·8	103·5	81·9	21·6	145·6	42·1	81·4	0·5	SW by S	S	94	121	215
16	·844	·751	·842	·809	92·7	87·3	84·1	85·9	100·1	80·1	20·0	146·9	46·8	77·7	2·4	SSW	S by E	87	131	218
17	·864	·751	·804	·802	91·9	86·7	82·6	85·5	101·8	81·6	20·2	144·6	42·8	80·0	1·6	SW by S	S	108	146	254
18	·831	·719	·812	·783	93·7	87·5	83·1	86·2	101·6	81·1	20·5	143·8	42·2	80·9	0·2	SW by W	S	113	149	262
19	·833	·714	·817	·784	93·5	89·7	81·9	86·7	103·1	82·3	20·8	143·6	40·5	81·6	0·7	WSW	S by E	123	113	236
20	·825	·729	·847	·797	94·1	89·1	83·0	86·3	102·8	79·8	23·0	144·0	41·2	78·7	1·1	SW by S	SSE	107	122	229
21	·835	·753	·853	·811	94·7	88·7	83·8	86·9	101·1	81·2	19·9	145·6	44·5	80·5	0·7	SW by S	SE by S	102	122	224
22	·847	·742	·812	·797	89·7	86·1	82·8	84·2	96·0	79·2	16·8	125·9	29·9	77·8	1·4	SW by S	S by W	117	92	209
23	·821	·710	·809	·776	93·7	87·3	84·6	86·1	102·5	79·5	23·0	145·9	43·4	78·8	0·7	SW by S	SE by S	122	80	202
24	·819	·707	·860	·791	93·1	89·9	81·0	85·7	102·9	79·7	23·2	146·9	44·0	78·7	1·0	SW	S by E	115	129	244
25	·853	·749	·833	·809	89·7	88·6	79·8	84·2	100·9	79·5	21·4	143·4	42·5	79·0	0·5	SW by S	S	104	108	212
26	·834	·693	·803	·773	85·2	89·4	78·9	82·8	97·1	78·3	18·8	144·0	47·1	77·1	1·2	SW by W	S	68	85	153
27	·807	·699	·827	·775	87·1	89·3	77·1	82·5	95·5	77·1	18·4	144·4	48·9	74·5	2·6	SW by S	S	46	85	131
28	·807	·690	·812	·766	87·0	84·8	80·0	82·1	97·3	77·2	20·1	145·0	47·7	75·6	1·6	SSW	S	64	104	168
29	·798	·711	·815	·772	86·6	86·1	81·6	82·9	96·2	78·1	18·1	145·6	49·4	77·0	1·1	SSW	S	52	106	158
30	·844	·761	·831	·809	89·1	88·3	82·0	84·0	96·1	77·2	18·9	143·8	47·7	75·8	1·4	SSW	SS E	66	88	154
31	·826	·726	·808	·784	91·9	88·1	83·8	85·5	102·3	78·8	23·5	146·0	43·7	76·7	2·1	SW by S	S by E	94	112	206
Mean	29·818	29·713	29·810	29·777	92·2	90·1	83·0	86·4	101·5	80·8	20·7	144·4	43·0	79·6	1·2	...	...	105·6	116·4	222 0

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	74·8	78·2	78·1	76·0	72·2	·617	·663	·882	·714	·656	40	34	75	51	60	...	3	2	2·50	C. ☰ *pc.*	Ck. ☰ *pc.*	
2	74·2	76·8	77·5	75·3	72·1	·593	·610	·841	·676	·638	38	32	69	47	56	...	3	5	4·00	C. ☰ ☾ *c.*	K. *pc.*	
3	74·8	77·3	78·1	76·3	74·5	·625	·706	·880	·745	·735	42	44	74	56	63	...	4	5	4·50	C. ☰ ☾ *c.*	K. *pc.*	
4	73·2	78·8	78·5	75·8	71·8	·549	·795	·900	·728	·625	35	52	77	55	55	...	5	3	4·00	C. ☾ *pc.*	Ck. ☰ *pc.*	
5	74·6	79·0	78·2	76·4	72·8	·597	·864	·885	·767	·677	37	64	75	59	61	...	3	2	2·50	C. ☰ ☾ *o.*	Ck. ☰ *pc.*	
6	75·0	78·8	79·0	77·2	75·6	·613	·848	·925	·804	·806	38	63	79	62	74	...	2	5	3·50	C. *b.*	K. *pc.*	
7	74·2	77·8	77·2	75·6	72·8	·590	·790	·824	·731	·696	38	56	67	57	66	...	5	6	5·50	Ck. *pc.*	K. *pc.*	
8	76·8	79·2	77·9	77·5	75·8	·670	·800	·893	·794	·789	40	50	79	59	71	...	3	6	4·50	K. ☰ *pc.*	K. *pc.*	
9	77·0	78·3	74·6	76·2	74·0	·686	·788	·705	·736	·733	42	50	57	54	67	...	6	4	5·00	Ck. *pc.*	Ck. *pc.*	
10	74·8	72·1	77·0	74·3	73·4	·611	·438	·832	·646	·714	39	24	71	47	67	...	7	4	5·50	C. *hazy. pc.*	Ck. *pc.*	
11	74·1	75·7	77·6	74·3	68·9	·580	·672	·864	·666	·534	37	44	74	50	49	...	8	6	7·00	C. *hazy. pc.*	Ck. *pc.*	
12	72·0	73·8	77·0	73·3	69·8	·495	·630	·848	·638	·567	32	47	75	50	51	...	6	8	7·00	C. *hazy.* ☾ *pc.*	K. *cloudy.*	
13	73·9	75·5	76·3	74·2	70·5	·585	·733	·810	·684	·585	38	57	70	55	52	...	8	8	8·00	C.*hazy.cloudy.*	Ck. *cloudy.*	
14	74·1	75·0	76·2	74·2	71·2	·580	·680	·801	·671	·610	37	50	68	52	55	...	7	5	6·00	C.*hazy.* ☾ *pc.*	K. *pc.*	
15	75·4	75·0	76·1	74·8	72·6	·616	·665	·787	·686	·677	37	47	66	52	62	0·06	5	6	5·50	K. *pc.*	K. *pc.*	
16	75·4	75·6	75·3	75·5	75·1	·649	·730	·783	·743	·805	42	57	67	60	78	...	5	7	6·00	Ck. *pc.*	K. *cloudy.*	
17	74·9	77·2	76·8	75·6	72·9	·640	·807	·846	·750	·697	43	63	76	61	64	...	8	9	8·50	Ck. *cloudy.*	Ck. *cloudy.*	
18	74·1	75·3	75·8	74·1	70·6	·580	·714	·796	·681	·609	37	55	70	55	57	...	6	8	7·00	Cs. ☾ *pc.*	Ck. *cloudy.*	
19	73·6	75·8	77·6	74·5	70·2	·559	·704	·890	·690	·577	36	50	82	55	52	...	2	6	4·00	C. *b.*	☽ Ck. *pc.*	
20	74·8	76·8	76·6	75·6	73·7	·602	·758	·829	·741	·748	37	55	74	59	73	...	3	6	4·50	C. ☰ ☾ *c.*	K. *pc.*	
21	76·6	76·4	75·8	75·7	73·6	·673	·746	·786	·740	·725	42	55	68	58	68	...	5	6	5·50	C. *pc.*	Ck. *pc.*	
22	76·0	76·6	73·7	75·2	74·2	·713	·789	·708	·754	·779	51	63	63	64	78	0·01	9	10	9·50	Ck. *cloudy.*	*o.*	
23	75·0	77·5	74·2	75 0	72·7	·617	·813	·704	·720	·713	39	63	59	58	71	...	7	2	4·50	Ck. *pc.*	Ck. *cloudy.*	
24	74·3	74·9	72·1	73·4	71·7	·592	·667	·667	·658	·670	38	47	62	53	69	...	5	7	6·00	C. ☾ *c.*	Ck. *cloudy.*	
25	74·8	76·9	75·9	75·1	71·9	·659	·772	·845	·748	·685	47	57	82	64	68	0·46	7	7	7·00	Ck. *pc.*	K. *cloudy.*	
26	76·8	78·7	75·0	76·8	74·2	·808	·837	·816	·820	·791	67	61	82	73	82	0·31	10	5	7·50	*o.*	K. *cloudy.*	
27	77·2	77·0	74·9	75·7	73·2	·800	·764	·841	·800	·764	62	55	90	72	82	0·22	9	10	9·50	C.*hazy.cloudy.*	*o.*	
28	76·8	76·9	77·1	76·5	74·8	·786	·821	·892	·839	·836	61	68	87	77	89	0·08	9	9	9·00	C.*hazy.cloudy.*	K. *cloudy.*	
29	76·2	76·8	76·9	76·5	75·9	·763	·804	·866	·825	·870	60	64	80	73	91	0·02	10	10	10·00	K. *cloudy.*	K. *cloudy.*	
30	77·0	78·6	76·2	76·6	73·7	·766	·848	·824	·816	·783	56	64	76	70	84	0·05	7	10	8·50	K. *pc.*	C.*hazy.cloudy.*	
31	75·6	79·8	75·6	76·4	73·9	·665	·905	·778	·788	·774	44	68	67	64	78	0·01	3	9	6·00	C. ☰ ☾ *c.*	K. *cloudy.*	
Mean	75·1	76·9	76·4	75·5	72·9	·641	·747	·824	·735	·705	43	54	73	59	68	1·22	5·81	6·32	6·06			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	29·842	29·702	29·864	29·799	90·7	86·9	78·6	83·9	100·1	80·3	19·8	146·5	46·4	79·4	0·9	S	SSW	121	102	223
2	·788	·722	·796	·767	86·8	83·3	74·9	80·4	95·2	76·7	18·5	142·5	47·3	74·9	1·8	SW by S	S by W	87	102	189
3	·802	·662	·799	·750	88·9	87·4	80·0	82·6	96·7	74·9	21·8	139·7	43·0	73·8	1·1	S by W	S by E	79	132	211
4	·839	·704	·817	·783	90·9	87·0	83·2	84·5	98·2	77·6	20·6	145·4	47·2	76·0	1·6	SW by S	S	93	145	238
5	·849	·714	·838	·796	92·7	85·8	77·3	83·8	101·0	80·3	20·7	144·5	43·5	79·0	1·3	SW	S by E	128	110	238
6	·814	·690	·796	·763	87·5	85·4	85·8	81·5	98·0	77·2	20·8	144 5	46·5	75·4	1·8	SSW	S by W	109	118	227
7	·827	·692	·798	·768	87·1	86·8	80·7	82·7	96·4	76·8	19·6	142·1	45·7	74·8	2·0	SW by S	S	98	133	231
8	·844	·713	·812	·786	89·4	85·4	82 5	83·5	100·0	77·6	22·4	145·8	45·8	75·6	2·0	SW by S	SSW	116	114	230
9	·841	·705	·812	·782	90·8	100·5	83·5	88·6	103·1	80·3	22·8	145·5	42·4	78·5	1·8	WSW	SW by S	169	111	280
10	·858	·707	·801	·784	89·4	92·1	86·8	86·9	102·1	79·9	22·2	150·3	48·2	78·1	1·8	SW by W	SSE	99	107	206
11	·782	·644	·761	·725	91·9	101·9	85·1	89·0	103·8	78·2	25·6	144·5	40·7	73·6	4·6	SW by W	SSW	119	109	228
12	·759	·685	·790	·743	90·9	82·3	78·6	83·9	97·7	84·1	13·6	143·7	46·0	82·4	1·7	W by S	S by W	117	99	216
13	·789	691	·818	·763	89·1	85·8	78·4	82·4	98·9	77·2	21·7	144·8	45·9	76·3	0·9	SW by S	S by E	139	81	220
14	·842	·743	·850	·809	88·1	90·2	80·6	84·0	95·4	77·8	17·6	145·5	50·1	76·4	1·4	SW by S	SW by S	96	81	177
15	·833	·723	·806	·784	90·0	84·8	81·8	83·5	101·2	78·3	22·9	146·9	45·7	77·2	1·1	SW by S	SE by S	114	99	213
16	·829	·682	·808	·767	90·5	91·9	82·4	86·2	103·2	80·0	23·2	145·0	41·8	78·7	1·3	SW	SSW	121	137	258
17	·831	·735	·867	·807	92·2	85·0	80·0	84·3	101·6	80·0	21·6	137·1	35·5	78·7	1·3	SW	S	117	115	232
18	·861	·724	·850	·806	90·1	96·9	80·8	86·8	102·4	79·2	23·2	143·1	40·7	77·0	2·2	SW by S	SSW	117	139	256
19	·848	·732	·819	·795	91·4	87·9	82·0	85·1	100·9	78·9	22·0	142·5	41·6	76·9	2·0	SW	S by E	124	121	245
20	·810	·719	·845	·787	91·9	85·8	83·8	85·1	97·8	79·0	18·8	142·7	44·9	77·9	1·1	WSW	SE	115	125	240
21	·881	·745	·871	·826	91·7	90·9	83·6	86·1	101·0	78·2	22·8	144·9	43·9	77·5	0·7	S by W	SE	114	103	217
22	·898	·776	·873	·844	93·1	86·8	82·9	85·2	101·0	78·1	22·9	144·7	43·7	77·3	0·8	SW by S	SSE	99	116	215
23	·856	·734	·865	·813	87·2	85·8	83·2	82·9	90·0	75·2	14·8	143·7	53·7	73·7	1·5	SW	SSE	81	131	212
24	·838	·737	·859	·807	89·9	86·8	83·0	84·6	91·9	78·5	13·4	146·1	54·2	77·6	0·9	S by W	SSE	73	140	213
25	·859	·754	·840	·814	90·4	85·8	84·3	84·4	100·7	77·0	23·7	143·1	42·4	75·4	1·6	SW by W	S by E	150	107	257
26	·859	·753	·862	·820	92·2	91·5	82·9	86·6	99·1	79·9	19·2	142·5	43·4	78·7	1·2	SW	SE	90	96	186
27	·877	·761	·862	·828	92·7	90·1	82·8	85·9	101·4	77·8	23·6	144·6	43·2	75·7	2·1	SW by S	SSW	68	103	171
28	·825	·687	·787	·760	93·7	87·9	84·2	86·2	100·7	78·9	21·8	142·5	41·8	77·5	1·4	SW by S	S	116	116	232
29	·785	·667	·759	·732	90·7	90·4	84·6	86·4	98·8	79·9	18·9	142·7	43·9	78·5	1·4	WSW	S by W	114	116	230
30	·816	·696	·807	·768	88·7	88·1	76·7	82·6	97·0	77·0	20·0	138·3	41·3	75·0	2·0	W by N	N by W	61	63	124
31	·832	·695	·815	·775	89·7	90·5	83·8	85·1	98·4	76·3	22·1	141·4	43·0	76·1	0·2	WSW	W by N	106	82	188
Mean	29·833	29·713	29·824	29·786	90·3	88·7	81·6	84·7	99·1	78·4	20·7	143·8	44·6	76·9	1·5	...	...	108·1	111·4	219·5

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	77·4	78·1	75·8	76·3	73·3	·762	·852	·857	·807	·726	52	66	88	69	70	0·28	9	9	9·00	K. *cloudy.*	K. *cloudy. t.* ⌇ *g.*	
2	76·6	75·7	72·5	74·7	73·7	·780	·781	·767	·782	·790	61	67	88	75	86	0·02	10	10	10·00	*o.*	*o. t.* ⌇ *g.*	
3	77·5	76·6	76·7	75·8	72·2	·789	·772	·876	·803	·756	58	59	86	72	87	0·02	7	6	6·50	C. *p.* ⌇ *c.*	K. *cloudy. r.*	
4	77·0	76·4	76·7	75·8	72·8	·740	·769	·832	·777	·743	51	60	73	65	78	...	7	8	7·50	K. *pc.*	Ck. *cloudy.*	
5	75·6	76·3	74·7	74·8	72·2	·658	·780	·824	·748	·683	43	63	88	64	66	0·46	5	8	6·50	K. *pc.*	Ck. *cloudy.*	
6	75·0	75·2	74·4	74·7	74·0	·701	·739	·817	·767	·799	54	60	90	72	86	0·23	5	8	6·50	K. *pc.*	K. *cloudy. t.* ⌇ *g.*	
7	76·1	75·2	74·0	74·5	72·2	·753	·719	·751	·743	·731	58	57	72	66	79	0·06	8	5	6·50	C. *hazy cloudy.*	K. *pc. r.*	
8	73·7	75·2	75·1	74·0	71·4	·619	·739	·771	·713	·687	45	60	69	62	73	...	6	7	6·50	C. *hazy pc.*	K. *cloudy.*	
9	73·7	74·7	75·8	73·9	70·8	·600	·511	·790	·643	·627	42	26	69	48	60	...	3	4	3·50	K. ☰ *pc.*	K. *pc.*	
10	73·7	77·0	72·1	73·6	70·8	·619	·725	·591	·650	·633	45	48	46	51	62	0·05	4	6	5·00	C. *hazy pc.*	K. *pc.*	
11	74·1	74·6	76·5	74·2	71·0	·605	·489	·799	·647	·664	40	24	66	47	70	0·04	3	5	4·00	C. ☰ ⌇ *c.*	K. *pc.* ⌇ *g.*	
12	74·1	76·4	74·9	74·4	71·6	·615	·830	·820	·723	·607	42	75	83	62	52	0·25	9	10	9·50	K. *cloudy.*	*o. r.*	
13	74·8	75·3	75·9	74·9	73·2	·669	·736	·865	·768	·764	49	59	89	69	82	0·08	9	9	9·00	K. *cloudy.*	K. *cloudy.*	
14	74·7	74·1	73·6	73·8	72·8	·676	·626	·734	·696	·739	51	44	71	60	78	...	9	9	9·00	K. *cloudy.*	K. *cloudy.*	
15	75·0	75·6	75·9	75·0	72·9	·667	·754	·818	·755	·739	47	64	75	65	76	...	7	8	7·50	K. *pc.*	K. *cloudy.*	
16	74·0	75·8	75·8	74·2	70·9	·618	·677	·805	·684	·638	43	45	73	55	62	0·06	2	7	4·50	C. *b.*	K. *cloudy. r.*	
17	75·0	75·8	75·6	74·7	72·1	·638	·770	·827	·730	·681	43	64	80	62	66	0·15	3	8	5·50	C. ☰ *pc.*	K. *cloudy. r.*	
18	74·8	75·4	74·8	74·7	73·2	·656	·591	·780	·695	·737	46	33	74	55	74	0·01	8	9	8·50	K. *cloudy.*	K. *cloudy.*	
19	75·4	75·4	72·9	74·2	72·6	·665	·713	·692	·698	·718	45	54	63	58	73	...	6	6	6·00	K. *pc.*	Ck. *pc.*	
20	73·2	74·8	74·2	73·4	70·8	·567	·713	·718	·666	·645	38	53	62	55	66	...	3	4	3·50	Cs. ☰ ⌇ *c.*	Ck. *pc.*	
21	76·8	77·3	75·7	75·7	72·6	·720	·755	·783	·749	·727	48	52	68	60	75	...	7	2	4·50	K. *pc.*	Ck. ☰ *pc.*	
22	75·6	75·7	77·7	75·5	72·6	·651	·741	·881	·754	·727	42	58	78	62	75	0·07	2	5	3·50	C. *b.*	K. *pc.* ⌇ *g.*	
23	77·8	76·8	77·8	76·2	71·9	·825	·801	·879	·815	·743	64	65	77	72	85	0·37	3	5	4·00	C. ☰ ⌇ *c.*	K. *pc.*	
24	77·6	77·2	77·8	77·0	74·8	·782	·807	·884	·828	·812	55	63	78	70	83	...	2	5	3·50	C. *b.*	Ck. *pc.*	
25	75·8	76·2	74·8	74·6	70·9	·698	·807	·733	·725	·678	49	63	62	61	73	0·01	5	6	5·50	Ck. *pc.*	Ck. *cloudy. r.*	
26	75·1	76·8	76·0	75·7	74·6	·642	·725	·804	·742	·786	43	49	71	58	77	...	3	2	2·50	C. ☰ *pc.*	K. ☰ *pc.*	
27	72·8	73·7	74·9	73·4	72·0	·537	·608	·762	·655	·709	35	43	67	53	74	...	3	5	4·00	C ☰ *pc.*	K. *pc.*	
28	74·7	75·8	75·8	74·9	73·0	·602	·730	·779	·718	·732	38	56	66	57	74	0·03	3	7	5·00	C. ☰ *pc.*	K. *cloudy. r.*	
29	74·1	75·4	75·8	74·8	73·3	·620	·679	·772	·706	·733	43	47	65	57	72	...	7	10	8·50	K. *cloudy.*	K. *cloudy.*	
30	75·0	76·6	74·1	75·1	74·2	·685	·762	·809	·771	·809	51	57	88	69	86	0·22	10	10	10·00	*o.*	*o. r.*	
31	75·3	75·4	74·2	74·4	72·4	·683	·678	·718	·707	·742	48	47	62	59	82	0·08	10	10	10·00	*o.*	K. *cloudy.*	
Mean	75·2	75·8	75·2	74·8	72·5	·672	·722	·792	·731	·720	47	54	74	62	74	2·49	3·80	3·91	3·85			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, black and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	29·794	29·686	29·794	29·752	90·4	85·8	81·8	84·2	97·3	78·8	18·5	142·3	45·0	76·0	2·8	W	S	114	121	235
2	·800	·679	·790	·750	92·7	87·0	82·8	85·4	98·3	79·2	19·1	143·8	45·5	77·3	1·9	SW by W	SE by E	88	83	171
3	·831	·719	·830	·787	86·6	88·8	81·8	83·7	90·0	77·4	12·6	145·8	55·8	76·1	1·3	W	WNW	77	74	151
4	·813	·694	·837	·775	87·4	87·9	77·6	83·0	92·1	79·0	13·1	140·5	48·4	78·0	1·0	W	SW by W	75	97	172
5	·789	·681	·834	·763	86·8	86·6	79·8	82·5	94·8	76·6	18·2	146·7	51·9	75·8	0·8	W by S	SSE	98	85	183
6	·786	·658	·794	·793	86·8	87·9	80·8	83·2	97·9	77·2	20·7	143·8	45·9	75·9	1·3	SW by W	S	120	120	240
7	·826	·714	·822	·781	85·5	84·2	81·7	81·7	89·4	75·4	14·0	144·1	54·7	74·6	0·8	SW by S	S by E	79	126	205
8	·859	·739	·881	·820	86·4	91·1	78·8	83·5	93·2	77·5	15·7	141·5	48·3	76·5	1·0	SW by S	S by W	99	146	245
9	·908	·774	·928	·863	88·2	86·3	80·8	83·2	96·0	77·3	18·7	141·3	45·3	75·4	1·9	S by W	S	120	110	230
10	·951	·827	·931	·897	83·6	85·8	80·4	81·6	93·3	76·7	16·6	141·6	48·3	75·4	1·3	SSW	S	109	89	198
11	·940	·839	·936	·900	81·0	84·4	80·2	79·5	87·3	72·2	15·1	127·5	40·2	70·7	1·5	SW	S by E	73	80	153
12	·929	·860	·968	·915	88·4	83·6	80·2	82·4	97·4	77·3	20·1	142·5	45·1	75·7	1·6	SSW	S by E	83	87	170
13	·985	·875	·968	·937	86·7	85·6	81·5	82·3	95·5	75·4	20·1	143·5	48·0	72·5	2·9	SW	S	68	86	154
14	·964	·839	·951	·911	87·2	89·7	81·7	84·2	97·8	78·2	19·6	148·5	50·7	77·1	1·1	SW by W	S by W	118	86	204
15	·961	·853	·961	·919	86·4	84·8	78·4	82·3	88·9	79·7	9·2	146·7	57·8	78·7	1·0	SW	SW by S	99	70	169
16	·946	·804	·946	·890	89·1	85·4	80·9	83·2	94·1	77·4	16·7	144·5	50·4	75·6	1·8	SW	SE by S	71	101	172
17	·916	·807	·918	·873	89·9	85·2	79·8	83·3	95·2	78·4	16·8	143 9	48·7	77·2	1·2	SSW	SSE	105	85	190
18	·911	·800	·922	·871	88·9	85·3	80·8	83·1	96·8	77·5	19·3	146·3	49·5	76·2	1·3	SW by S	SSE	79	87	166
19	·904	·802	·931	·873	90·9	87·3	82·8	84·7	95·0	77·7	17·3	143·9	48·9	75·2	2·5	SE	SE by E	42	88	130
20	·924	·796	·893	·863	87·3	82·3	81·4	82·3	91·4	78·2	13·2	141·3	49·9	76·6	1·6	SE	S by W	54	50	104
21	·842	·737	·854	·804	90·8	84·1	80·7	83·7	93·2	79·2	14·0	143·5	50·3	77·3	1·9	WS by S	SE by E	61	62	123
22	·833	·727	·843	·794	88·1	89·0	81·6	84·1	92·6	77·8	14·8	144·9	52·3	75·8	2·0	S by E	E by N	33	58	91
23	·825	·702	·842	·782	91·2	87·9	82·8	84·9	93·1	77·5	15·6	143 3	50·2	75·6	1·9	E by N	E by S	24	85	109
24	·831	·732	·867	·804	82·8	83·9	81·5	81·2	88·2	76·4	11·8	143·5	55·3	74·8	1·6	SE	SE	26	70	96
25	·865	·771	·885	·834	86·8	84·8	82·2	83·3	89·3	79·4	9·9	142·3	54·0	77·9	1·5	SE by S	SE by S	77	131	208
26	·887	·757	·887	·836	89·2	87·3	77·6	83·2	96·6	78·6	18·0	142·3	45·7	77·8	0·8	S by W	S by W	90	94	184
27	·898	·781	·895	·851	85·1	86·1	81·2	82·0	90·0	75·6	14·4	145·3	55·3	73·7	1·9	S by W	SE by E	45	74	119
28	·903	·777	·915	·857	86·8	85·8	82·3	82·7	91·3	75·8	15·5	142·5	51·2	73·8	2·0	SSW	SSW	54	78	132
29	·928	·821	·947	·892	87·9	81·1	81·0	82·0	89·7	78·1	11·6	145·0	55·3	76·3	1·8	SE by E	SE	27	71	98
30	·992	·849	·937	·917	79·1	83·4	79·8	79·9	87·5	77·3	10·2	143·8	56·3	75·1	2·2	S by E	SE by S	61	82	143
Mean	29·885	29·770	29·890	29·842	87·3	85·9	80·8	82·9	93·1	77·4	15·7	143·2	50·1	75·8	1·6	...	...	75·6	89·2	164·8

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	73·9	74·8	75·9	74·0	71·1	·618	·745	·818	·704	·659	43	58	75	60	68	...	4	5	4·50	K *pc.*	Ck. *pc.*	
2	75·6	76·2	77·7	75·8	73·1	·657	·760	·882	·769	·733	43	59	79	63	74	0·19	6	8	7·00	K. *pc.*	K. *cloudy.*	
3	77·8	74·8	75·9	75·6	73·9	·835	·672	·818	·779	·794	66	50	75	68	84	...	9	9	9·00	K. *cloudy.*	K. *cloudy.*	
4	76·6	78·6	75·2	76·2	73·9	·772	·853	·842	·814	·773	59	65	89	72	78	1·03	10	10	10·00	*o.*	*o.*	
5	77·1	78·1	75·3	76·1	72·9	·802	·848	·818	·817	·764	63	67	80	73	83	0·06	7	9	8 00	K. *pc.*	K. *cloudy.* ☇ *g.*	
6	76 8	79·6	77·4	77·1	73·6	·794	·899	·894	·850	·781	62	68	85	75	84	0·63	7	9	8·00	Ck. *pc.*	K. *cloudy.* ☇ *g. t.*	
7	77·6	77·6	77·7	76·7	73·3	·839	·859	·896	·852	·792	68	74	83	79	90	0·13	9	9	9·00	C. *hazy. cloudy.*	K *cloudy.* ☇ *g. t.*	
8	75·1	76·8	74·4	75·2	74·2	·721	·737	·790	·765	·803	57	49	80	65	85	...	9	7	8·00	C. *hazy. cloudy.*	K. *cloudy.* ☇ *g.*	
9	76·9	77·3	77·0	76·2	72·4	·777	·838	·879	·810	·729	58	67	84	71	77	0·13	7	7	7·00	K. *pc.*	K. *pc.* ☇ *g.*	
10	76·8	78·5	74·5	75·9	73·1	·832	·878	·773	·823	·768	72	71	74	76	84	...	10	9	9·50	*o.*	C. *hazy. cloudy.* ☇ *g.*	
11	75·8	75·9	76·3	74·7	70·0	·824	·784	·855	·791	·706	78	66	82	79	90	0·35	10	7	8·50	*o.*	K. *cloudy.*	
12	76·8	77·0	72·9	75·3	74·1	·768	·841	·716	·783	·801	57	73	69	71	85	...	6	5	5·50	C. ☇ *pc.*	Ck. *pc.*	
13	76·0	76·3	75·8	75·2	72·4	·755	·783	·817	·780	·756	59	63	76	71	86	...	3	3	3·00	C. ☇ *c.*	Ck. ☰ *pc.* ☇ *g.*	
14	75·7	78·2	75·4	75·8	73·4	·735	·811	·798	·779	·760	57	58	73	66	78	...	7	5	6·00	Ck. *pc.*	Ck. *pc.*	
15	74·8	75·8	72·1	74·5	75·1	·706	·777	·706	·751	·811	57	64	73	68	80	...	7	8	7·50	Ck. *cloudy.*	C. *hazy. cloudy.*	
16	76·0	76·8	76·7	75·5	72·1	·722	·808	·864	·779	·718	53	66	82	69	76	...	5	4	4·50	C ☇ *pc.*	K. C. ☰ ☇ *c.*	
17	75·6	76·4	74·7	75·0	72·9	·692	·793	·794	·759	·739	49	65	78	66	76	...	2	3	2·50	C. *b.*	K. ☰ *pc. t.* ☇ *g.*	
18	77·8	76·9	75·8	76·0	73·0	·803	·814	·826	·803	·753	59	66	78	71	80	...	2	1	1·50	Cs. *b.*	K. *b.* ☇ *g.*	
19	78·2	78·8	75·5	77·1	75·5	·795	·869	·787	·828	·856	55	67	70	70	91	...	3	3	5·50	C. ☰ ☇ *c.*	C. *hazy. cloudy.*	
20	76·7	78·5	76·2	76·3	73·1	·778	·925	·835	·827	·745	60	84	78	75	78	0·04	7	7	7·00	C. ☇ *pc.*	Ck. *cloudy.*	
21	77·6	76·8	76·6	76·6	75·1	·769	·825	·862	·821	·819	53	71	83	72	82	...	5	5	5·00	C. *pc.*	K. *pc.* ☇ *g.*	
22	78·6	78·1	76·8	77·2	74·8	·850	·814	·855	·840	·821	64	59	80	72	86	...	6	5	5·50	C. ☇ *pc.*	Ck. *pc.*	
23	79·1	78·3	77·8	77·8	75·4	·832	·841	·886	·857	·854	57	64	79	72	91	...	3	4	3·50	C. ☰ *pc.*	Ck. ☰ *pc.*	
24	78·8	77·8	77·5	77·2	74·1	·930	·871	·889	·881	·813	83	75	83	83	89	0·38	10	10	10·00	*o. r.*	K. C. *cloudy.*	
25	79·4	76·3	78·7	77·8	76·9	·903	·793	·934	·879	·895	71	66	85	77	89	...	6	7	6·50	K. *pc.*	K. *cloudy.* ☇ *g.*	
26	77·6	78·0	74·7	76·2	74·0	·792	·835	·818	·810	·780	58	64	86	71	80	0·11	5	7	6·00	Ck. *pc.*	K. *pc. t.* ☇ *g.*	
27	78·8	77·6	77·8	76·9	73·1	·900	·832	·906	·861	·782	75	67	85	79	88	...	6	3	4·50	K. *pc.*	K. ☰ *pc. t.* ☇ *g.*	
28	77·1	77·7	77·8	76·6	73·3	·802	·840	·892	·825	·787	63	68	81	75	88	0·05	6	3	4·50	K. *pc.*	Ck. ☰ *pc.*	
29	78·3	76·8	77·0	77·0	76·0	·841	·866	·875	·862	·871	64	82	83	79	91	0·01	7	10	8·50	Ck. *pc.*	K. *cloudy.*	
30	75·8	75·3	76·6	75·7	75·1	·850	·770	·874	·835	·844	86	67	86	81	91	0·04	10	8	9·00	*o.*	K. *cloudy.*	
Mean	77·0	77·2	76·1	76·1	73·7	·790	·819	·840	·811	·784	62	66	80	72	83	3·15	6·47	6·50	6·48			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	29·982	29·839	29·953	29·914	87·5	86·5	81·2	82·9	92·9	77·0	15·9	142·0	49·1	75·7	1·3	S by E	SE by S	94	105	199
2	·952	·829	·942	·899	89·6	87·2	82·4	84·1	94·1	78·0	16·1	143·3	49·2	76·7	1·3	S	SE by S	105	114	219
3	30·011	·879	·976	·945	85·8	87·4	80·8	81·9	94·8	74·4	20·4	142·2	47·4	74·4	0·0	SW by W	E by N	89	64	153
4	29·977	·850	·968	·922	89·9	82·1	80·0	82·3	95·6	77·9	17·7	141·9	46·3	76·2	1·7	SE by E	S by E	35	50	85
5	·940	·808	·935	·884	89·7	85·3	81·6	83·0	94·5	76·2	18·3	141·5	47·0	74·8	1·4	SSW	SE by E	35	77	112
6	·929	·832	·951	·897	88·7	85·0	82·7	83·2	90·1	77·0	13·1	140·6	50·5	75·1	1·9	SE	SE by S	49	120	169
7	·971	·858	·989	·931	86·4	84·9	82·4	82·4	93·7	76·8	16·9	142·4	48·7	75·1	1·7	S by E	SSE	68	120	188
8	·977	·839	·953	·913	89·1	86·8	81·8	83·8	96·3	78·2	18·1	141·4	45·1	77·0	0·8	S by W	SE by E	107	120	227
9	·969	·845	·947	·911	87·9	85·9	81·9	83·4	92·7	78·3	14·4	144·3	51·6	77·8	0·5	SSW	SE by S	74	96	170
10	·954	·836	·936	·900	90·9	84·8	82·8	84·4	95·8	79·8	16·0	140·3	44·5	78·9	0·9	S	SSE	85	92	177
11	·927	·795	·932	·875	87·9	85·4	78·8	81·4	95·8	74·2	21·6	137·5	41·7	72·2	2·0	SW by S	S by W	74	68	142
12	·950	·828	·968	·906	86·9	83·8	81·7	81·8	89·3	75·3	14·0	140·0	50·7	74·3	1·0	SSW	SE by S	53	80	133
13	30·032	·927	30·021	·885	79·6	80·0	76·9	78·8	81·1	77·9	13·2	101·5	20·4	77·1	0·8	SE by S	SSE	32	34	66
14	29·968	·843	29·944	·909	85·5	86·3	81·7	81·9	90·0	74·0	16·0	139·5	49·5	72·2	1·8	SW	E by S	52	78	130
15	·914	·801	·936	·876	88·0	86·8	81·6	83·4	91·4	77·5	13·9	143·6	52·2	76·1	1·4	SE by S	E by S	34	73	107
16	·940	·828	·947	·895	85·8	85·8	81·8	82·5	91·3	76·9	14·4	145·4	54·1	75·3	1·6	SE by E	E by S	29	71	100
17	·979	·860	·973	·927	89·4	86·5	82·0	83·7	91·0	77·1	13·9	143·7	52·7	75·7	1·4	E by S	E by S	29	65	94
18	·977	·863	·966	·925	87·7	87·4	81·2	82·9	92·4	76·1	16·3	140·8	48·4	74·6	1·5	E by S	E	32	74	106
19	·985	·846	·959	·918	88·8	88·1	83·8	84·2	92·9	76·8	16·1	149·1	56·2	75·6	1·2	ESE	E by S	31	47	78
20	·962	·837	·954	·907	87·9	86·8	82·6	83·4	92·7	77·1	15·6	140·5	47·8	75·9	1·2	ESE	ENE	34	89	123
21	·944	·834	·941	·896	89·9	85·8	81·8	83·3	92·7	76·6	16·1	141·1	48·4	74·8	1·8	NE by E	ENE	45	68	113
22	·947	·849	·952	·908	87·6	87·0	79·8	82·5	91·5	76·5	15·0	143·4	51·9	74·6	1·9	E by N	E by S	26	55	81
23	·946	·837	·918	·891	77·8	83·7	79·1	79·0	88·4	75·8	12·6	137·4	49·0	73·5	2·8	E by N	SW by S	31	52	83
24	·941	·835	·968	·906	85·9	83·6	78·6	80·7	89·5	75·2	14·3	141·2	51·7	73·8	1·4	E by S	E by N	28	54	82
25	·978	·887	·972	·938	82·3	80·0	76·8	78·4	84·3	74·2	10·1	135·4	51·1	73·6	0·6	NNE	N by E	38	31	69
26	30·023	·888	·996	·957	79·8	80·8	78·8	78·3	86·7	74·8	11·9	141·3	54·6	73·6	1·2	NNE	NE	64	91	155
27	·034	·914	·961	·960	84·5	83·8	79·7	80·7	90·1	75·3	14·8	140·6	50·5	74·5	0·8	NE	NE by N	36	87	123
28	·011	·906	·993	·961	83·1	85·0	80·8	80·9	88·0	75·0	13·0	142·3	54·3	74·2	0·8	N by W	NE	73	129	202
29	·001	·853	·952	·922	77·9	79·8	73·8	76·3	83·7	73·9	9·8	135·6	51·9	72·6	1·3	E by N	N by W	60	133	193
30	29·933	·841	·978	·914	79·9	81·6	76·9	77·7	87·1	72·9	14·2	138·6	51·5	72·8	0·1	NNE	NNE	76	74	150
31	·997	·852	·963	·924	80·8	81·5	77·9	78·6	88·1	74·5	13·6	144·4	56·3	73·6	0·9	N by W	NE by E	49	49	98
Mean	29·970	29·850	29·959	29·917	85·9	84·7	80·4	81·7	90·9	76·2	14·7	140·1	49·2	74·9	1·2	...	...	53·8	79·4	133·1

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials	
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M
1	77·8	75·8	77·8	76·5	74·7	·823	·750	·906	·826	·828	63	59	85	73	91	...	6	1	3·50	K. *pc.*	K. *b.*
2	77·7	78·4	78·6	77·5	75·1	·788	·854	·928	·855	·832	56	66	84	74	86	...	3	2	2·50	K. ≡ *pc.*	K. *b.* ☾ *g.*
3	74·8	77·8	76·4	75·1	71·0	·713	·824	·850	·778	·713	58	64	80	72	84	...	5	5	5·00	C. K. *pc.*	K. ☾ *pc.*
4	76·6	76·7	78·1	76·6	75·2	·738	·846	·936	·841	·840	52	77	91	76	88	0·87	4	6	5·00	K. *pc.*	K. *pc.* ☾ *g.*
5	80·0	78·8	77·8	77·9	74·8	·895	·896	·903	·892	·841	64	74	84	79	93	...	3	3	3·00	C. *g.* ☾ *o.*	K. *pc.*
6	79·8	76·9	77·8	77·4	75·1	·895	·820	·886	·864	·846	66	68	79	76	91	...	3	2	2·50	K. ≡ *pc.*	K. *b.*
7	75·3	77·0	77·1	75·7	73·2	·729	·821	·862	·801	·771	58	68	77	72	84	...	5	3	4·00	C. K. *pc.*	C. K. *pc.* ☾ *g.*
8	74·2	76·9	77·1	75·7	74·6	·644	·794	·869	·781	·808	47	62	80	63	84	...	2	4	3·00	K. *b.*	Ck, ≡ *pc.*
9	76·8	77·2	77·1	76·4	74·7	·773	·818	·868	·816	·810	59	65	80	71	84	...	6	4	5·00	C. *hazy* ☾ *pc.*	Ks. ≡ *pc.* ☾ *g.*
10	78·8	78·6	77·9	77·9	76·3	·821	·895	·893	·872	·861	57	75	79	74	85	...	6	7	6·50	K. *pc.*	K. *pc. g.*
11	79·3	78·8	75·6	76·3	71·2	·886	·896	·845	·839	·725	67	74	86	68	86	0·32	5	8	6·50	K. *pc.*	K. *cloudy.* ☾ *g.*
12	78·8	76·6	76·8	76·3	73·2	·875	·804	·855	·834	·790	69	69	79	77	90	...	7	9	8·00	C. *hazy. cloudy.*	K. *cloudy. g.*
13	76·0	76·7	75·0	75·9	75·7	·851	·865	·843	·853	·860	85	83	91	87	91	0·21	10	7	8·50	*o.*	C. K. *cloudy.*
14	77·8	78·1	76·9	76·3	72·0	·850	·853	·862	·834	·759	69	68	80	77	90	...	3	4	3·50	K. ≡ *pc.*	Ks. *pc.* ☾ *g.*
15	76·8	77·8	76·8	76·7	75·6	·772	·831	·859	·830	·843	58	65	80	73	91	0·01	5	4	4·50	K. *pc.*	K. *pc. g.*
16	78·8	76·9	76·9	76·9	75·1	·890	·807	·862	·855	·849	72	65	79	77	91	...	6	3	4·50	K. *pc.*	Cs. ≡ *pc.*
17	78·0	77·7	76·4	76·9	75·2	·805	·832	·837	·838	·849	58	66	77	72	91	0·01	5	3	4·00	K. *pc.*	K. *b.*
18	76·9	77·5	76·8	76·4	74·1	·784	·809	·862	·823	·816	59	62	81	73	91	0·01	3	3	3·00	K. ≡ *pc.*	K. ≡ *pc.*
19	78·9	77·5	77·1	77·2	75·0	·857	·802	·842	·840	·846	63	61	73	72	91	...	5	6	5·50	K. *pc.*	K. ≡ *pc. t.*
20	78·1	77·8	76·0	76·6	74·0	·828	·831	·811	·826	·800	63	65	73	72	86	...	6	4	5·00	K. *pc.*	Ck. *pc.*
21	76·9	76·8	76·3	76·2	74·4	·753	·801	·834	·809	·822	53	65	77	71	91	...	6	7	6·50	K. *pc.*	C. *hazy. cloudy.*
22	77·8	76·4	75·0	75·9	74·0	·794	·769	·802	·811	·807	63	60	78	73	88	...	3	5	6·50	K. *cloudy.*	K. ☾ *pc.*
23	75·8	76·2	76·7	75·7	73·8	·867	·804	·886	·847	·806	91	69	89	85	90	0·94	7	9	8·00	K. *cloudy. r.*	K. *cloudy.* ☿
24	76·9	76·0	75·3	75·4	73·0	·807	·798	·835	·811	·784	65	69	85	77	90	0·02	6	7	6·50	K. *pc.*	Ck. *cloudy.* ☾ *g.*
25	77·8	76·6	74·9	75·6	72·7	·892	·862	·843	·851	·783	81	83	91	87	93	0·63	9	7	8·00	K. *cloudy.*	K. *cloudy* ☾ *g.*
26	75·5	75·8	75·9	75·2	73·4	·827	·831	·858	·834	·803	80	81	87	86	93	0·02	8	8	8·00	K. *cloudy.*	K. *cloudy. t.*
27	76·8	75·9	76·9	75·9	74·0	·820	·791	·892	·750	·825	69	68	88	78	94	...	8	7	7·50	K. *cloudy.*	K. *cloudy.*
28	77·9	76·8	75·4	76·0	73·4	·891	·813	·807	·831	·803	78	67	76	78	93	0·47	9	7	8·00	K. *cloudy.*	K. *cloudy.* ☾ *g.*
29	75·6	74·9	72·9	74·0	72·0	·858	·802	·800	·811	·759	90	78	95	89	90	3·52	10	10	10·00	*o. r.*	*cloudy. r.*
30	76·7	76·4	74·8	75·1	72·1	·877	·841	·842	·839	·775	86	78	91	89	95	1·46	9	8	8·50	K. *cloudy.*	K. *cloudy.*
31	76·8	76·2	75·3	75·6	73·0	·869	·834	·866	·844	·793	83	77	91	87	93	0·07	7	6	6·50	K. *cloudy.*	K. ≡ *pc.*
Mean	77·3	77·0	76·4	76·2	73·9	·822	·826	·859	·830	·808	67	69	83	77	90	8·56	5·97	5·45	5·71		

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	29·947	29·852	29·946	29·905	82·1	75·0	74·0	76·6	86·8	75·5	11 3	140·1	53·3	74·6	0·9	Calm	Calm	48	53	101
2	·937	·814	·929	·880	81·8	83·8	78·8	79·4	87·0	73·7	13·3	142·2	55·2	73·1	0·6	N by E	N by E	53	79	132
3	·938	·863	·927	·901	81·4	80·8	76·8	78·8	83·2	76·4	6 8	119·4	36·2	75·7	0·7	N by W	N by E	56	25	81
4	·937	·805	·933	·878	83·2	81·8	78·8	79·5	88·6	74·4	14·2	141·4	52·8	73·1	1·3	Calm	NE by E	24	42	66
5	·946	·853	·974	·914	82·8	82·8	75·7	79·3	87·0	76·2	10·8	140·6	53·6	75·3	0·9	N by E	N by E	29	49	78
6	30·020	·928	30·029	·982	82·5	82·8	78·7	79·7	88·2	75·0	13·2	142·7	54·5	73·9	1·1	NNW	NNE	59	75	134
7	·040	·929	·025	·986	82·4	78·4	79·0	78·7	88·6	75·5	13·1	143·8	55·2	74·3	1·2	NNE	NNE	50	88	138
8	·050	·922	·030	·987	78·8	80·6	77·9	77·5	84·8	73·1	11·7	142·4	57·6	72·5	0·6	Calm	NE	45	102	147
9	·060	·966	·051	30·016	74·6	76·5	74·8	74·5	76·5	72·2	4·3	86·4	9·9	72·1	0·1	NE by E	N by E	52	58	110
10	·091	·966	·043	·019	75·6	82·1	78·4	76·8	83·3	71·4	11·9	125·2	41·9	71·3	0·1	NNE	NNE	72	127	199
11	·056	·952	·033	·003	84·4	82·8	78·6	80·3	86·2	75·6	10·6	141·6	55·4	72·9	2·7	NNE	NNE	106	121	227
12	·017	·947	·051	29·997	84·3	83·6	79·9	80·6	87·6	75·1	12·5	142·2	54·6	73·2	1·9	NE by N	NE by N	73	145	218
13	·049	·935	·039	·996	84 0	82·0	76·6	79·1	86·5	74·3	12·2	143·7	57·2	71·2	3·1	NE by N	NNE	103	145	248
14	·044	·936	·012	·985	79·6	77·8	74·6	76·0	81·6	72·2	9·4	110·4	28·8	71·9	0·3	Calm	N by W	71	94	165
15	·051	·945	·029	·996	73·8	74·8	74·0	73·7	75·1	72·1	3·0	84·4	9·3	72·1	0·0	Calm	NNE	73	60	133
16	·007	·902	·001	·957	77·0	75·0	75·8	74·9	84·4	72·2	12·2	142·5	58·1	71·5	0·7	NNW	N by E	37	73	110
17	·017	·915	·009	·968	78·6	81·1	76·4	76·7	82·8	71·2	11·6	142·3	59·5	70·7	0·5	Calm	Calm	76	93	169
18	·052	·950	·044	30·003	84·5	81·8	79·8	80·4	87·3	75·9	11·4	139·4	52·1	74·2	1·7	N by W	ENE	75	108	183
19	·085	·966	·049	·019	83·6	80·8	77·0	79·0	84·5	75·1	9·4	139·9	55·4	72·7	2·4	NE	NE by N	95	117	212
20	·056	·949	·050	·005	84·3	81·6	76·8	79·2	83·3	74·3	11·0	141·2	55·9	71·1	3·2	NE by N	NNE	95	124	219
21	·073	·966	·050	·017	83·8	82·0	76·8	78·4	85·9	71·5	14·4	140·0	54·1	67·1	4·4	NNE	NE by N	63	86	149
22	·091	·970	·043	·020	81·8	82·0	76·7	77·7	86·1	71·1	15·0	140·0	53·9	67·4	3·7	NE by N	NE by N	61	100	161
23	·055	·949	·013	29·993	82·8	82·6	77·8	78·2	86·5	70·3	16·2	140·4	53·9	66·8	3·5	NNE	N by E	66	105	171
24	·024	·917	29·994	·965	81·1	82·8	78·0	79·2	86·2	75·1	11·1	138·1	51·9	72·5	2·6	N by E	Calm	79	117	196
25	29·993	·912	30·012	·962	85·8	85·1	77·2	80·8	88·7	75·3	13·4	142·0	53·3	73·3	2·0	N by W	ENE	57	70	127
26	30·026	·917	29·996	·967	86·1	83·3	78·7	81·1	89·1	76·5	12·6	138·6	49·5	73·7	2·8	ENE	NE by E	69	99	168
27	·018	·889	·974	·944	84·4	83·9	77·7	80·0	88·1	74·2	13·9	141·2	53·1	71·1	3·1	NE	NE by E	48	77	125
28	·016	·923	30·007	·971	84·5	82·6	78·4	79·8	88·3	74·1	14·2	138·3	50·0	71·5	2·6	NE by E	NE by E	55	94	149
29	·018	·918	·016	·972	83·6	82·0	75·0	78·4	87·5	73·3	14·2	140·0	52·5	70·2	3·1	NE by N	NE by N	61	54	115
30	·039	·918	·020	·977	81·8	83·8	78·5	79·2	87·1	72·9	14·2	141·4	54·3	69·5	3·4	NE by N	NE by N	57	105	162
	30·025	29·919	30·011	29·973	81·8	81·2	77·2	78·5	85·6	73·8	11·8	135·1	49·4	72·0	1·8	...	...	63·6	89·5	153·1

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	76·8	73·9	73·2	74·3	73·4	·852	·827	·809	·818	·795	78	95	97	89	90	4·80	5	8	6·50	K. *pc.*	K.*cloudy.* ☇ *g.*	
2	77·0	77·8	77·0	76·1	72·0	·865	·872	·906	·858	·764	79	75	92	85	92	0·25	8	7	7·50	K. *cloudy.*	K.*cloudy.* ☇ *g.*	
3	75·8	75·8	75·7	75·5	74·6	·819	·826	·876	·840	·833	76	78	95	86	91	0·01	9	6	7·50	K. *cloudy.*	K. *pc.*	
4	74·5	77·2	76·4	75·3	73·2	·737	·874	·877	·823	·805	65	81	89	81	95	0·01	6	8	7·00	K. *pc.*	K. *cloudy.*	
5	76·8	76·8	73·5	75·5	75·0	·842	·842	·797	·833	·854	75	75	90	83	94	0·06	8	10	9·00	K. *cloudy.*	K. *cloudy.*	
6	70·5	72·9	75·8	72·3	69·8	·586	·678	·853	·692	·661	53	60	87	68	76	...	8	6	7·00	K. *cloudy.*	Ck. *pc.*	
7	77·2	75·6	74·8	75·4	74·0	·866	·847	·805	·838	·821	79	88	81	84	93	0·03	10	7	8·50	*o.*	K. *cloudy.*	
8	75·0	75·1	74·8	74·0	71·0	·819	·795	·820	·794	·732	83	96	86	84	90	0·55	10	10	10·00	*o.*	*o.*	
9	73·0	74·4	73·5	73·0	71·2	·793	·822	·810	·793	·752	93	90	94	93	95	2·53	10	10	10·00	*o. r.*	*o. r.*	
10	73·1	75·3	73·9	73·2	70·5	·782	·788	·780	·771	·734	88	72	80	84	95	2·60	10	7	8·50	*o. r.*	K. *cloudy.*	
11	75·6	75·0	73·3	73·9	71·8	·770	·765	·750	·753	·730	65	68	77	72	83	0·06	10	7	8·50	*o. r.*	Ck. *cloudy.*	
12	75·3	73·9	73·1	73·8	73·0	·757	·711	·725	·750	·735	64	61	71	71	90	...	6	2	4·00	K. *pc.*	K. ☰ *pc.*	
13	74·8	73·1	74·8	73·5	71·1	·738	·692	·843	·752	·720	63	63	92	76	86	0·86	6	9	7·50	K. *pc.*	K. *cloudy. r.*	
14	75·8	74·4	72·3	73·3	70·8	843	·804	·763	·785	·735	83	84	88	87	93	0·54	10	10	10·00	*o. r.*	*o. r.*	
15	73·0	73·2	72·9	72 5	71·0	·800	·798	·800	·786	·746	96	93	95	94	95	5·30	10	10	10·00	*o. r.*	*o. r.*	
16	74·8	73·9	74·4	73·6	71·1	·832	·827	·831	·812	·748	90	95	93	94	95	1·75	10	9	9·50	*o. r.*	K. *cloudy. r.*	
17	75·6	76·0	75·0	74·2	69·8	·842	·830	·849	·812	·710	87	78	93	88	93	1·64	10	9	9·50	*o. r.*	K. *cloudy.*	
18	78·6	77·0	75·3	76·4	74·1	897	·862	·840	·857	·820	76	80	82	82	91	0·14	6	6	6·00	K. *pc.*	K. *pc. r.*	
19	75·4	74·2	73·2	74·0	73·2	·772	·758	·768	·774	·791	66	72	82	73	90	...	8	7	7·50	K. *cloudy.*	K. *cloudy.*	
20	75·4	73·7	71·1	72·9	71·4	·760	·722	·686	·729	·730	64	67	74	72	86	...	7	5	6·00	K. *pc.*	K. *pc.*	
21	73·7	72·5	72·0	71·6	68·0	·694	·671	·719	·681	·639	60	61	77	70	83	...	5	6	5·50	K. *pc.*	K. *pc.*	
22	74·2	73·9	71·9	72·3	69·2	·745	·733	·719	·719	·688	69	67	73	75	90	...	6	4	5·00	K. *pc.*	K. ☰ *pc.*	
23	72·4	72·7	72·9	71·7	68·8	·655	·669	·746	·690	·690	58	60	78	72	92	...	6	6	6·00	K. *pc.*	K. *pc.*	
24	75·0	76·9	76·0	75·0	72·1	·788	·848	·872	·814	·746	74	75	91	82	86	...	9	8	8·50	K. *cloudy.*	K. *cloudy.*	
25	78·0	78·6	75·8	76·6	73·8	·856	·888	·873	·861	·813	68	74	93	83	93	...	8	6	7·00	K. *cloudy.*	K. *pc.*	
26	78·6	76·0	75·1	75·9	74·0	·877	·801	·825	·829	·807	70	69	84	78	88	...	5	3	4·00	K. ☰ *pc.*	K. ☰ *pc.*	
27	76·6	76·8	74·8	75·0	72·6	·813	·827	·829	·802	·781	68	68	86	78	93	...	6	3	4·50	K. *pc.*	K. ☰ *pc.*	
28	77·0	75·8	74·0	74·9	72·9	·828	·803	·780	·802	·800	70	71	80	78	95	...	5	6	5·50	K. *pc.*	K. *pc.*	
29	77·0	74·6	73·3	74·2	71·7	·840	·755	·798	·790	·757	73	69	92	81	93	...	6	3	4·50	K. *pc.*	K. ☰ *pc.*	
30	76·9	75·6	74·7	74·5	70·7	·862	·778	·808	·790	·723	79	67	83	79	90	0·12	7	3	5·00	K. *cloudy.*	K. ☰ ☇	
Mean	75·4	75·1	74·2	74·1	71·9	·794	·791	·805	·788	·757	74	74	86	81	91	21·25	7·67	6·69	7·18			

Date	Barometer reduced to 32°				Air Temperature							Temperature of Radiation				Wind				
																Direction		Miles		
	10 hours	16 hours	22 hours	Mean	10 hours	16 hours	22 hours	Mean	Max	Min	Range	Sun	Difference, sun and shade	Grass	Difference, shade and radiation	12 hours	24 hours	12 hours	24 hours	Total
1	30·037	29·919	30·006	29·973	77·6	76·2	75·0	75·2	84·7	72·9	11·8	140·1	55·4	71·9	1·0	NE by E	NE by E	50	60	110
2	·048	·957	·036	30·003	78·8	80·8	77·8	77·7	85·5	74·3	11·2	140·1	54·6	73·7	0·6	NE by E	NE by E	49	88	137
3	·057	·967	·047	·013	84·1	83·2	77·6	78·9	86·6	71·9	14·7	140·3	53·7	68·9	3·0	NE by E	NE by E	72	87	159
4	·032	·906	29·984	29·959	84·4	82·8	78·8	80·1	86·8	75·0	11·8	143·6	56·8	73·7	1·3	NE	NE by N	94	121	215
5	·021	·906	·986	·957	81·8	80·1	79·4	78·5	84·1	73·5	10·6	119·9	35·8	71·9	1·6	NNE	NE by N	64	115	179
6	·024	·933	30·007	·977	82·8	81·5	79·8	79·2	84·2	73·3	10·9	125·3	41·1	71·3	2·0	ENE	NE by E	126	151	277
7	·027	·902	29·982	·955	83·0	81·1	79·1	79·2	85·7	74·2	11·5	139·0	53·8	72·5	1·7	ENE	NE by N	146	155	301
8	29·998	·912	30·003	·961	78·8	79·7	76·8	77·6	84·8	75·7	9·1	144·9	60·1	73·7	2·0	NE by N	NE by N	74	123	197
9	30·064	·973	·054	30·019	81·6	79·7	77·6	78·4	82·4	75·2	7·2	116·6	34·2	74·9	0·3	NE by E	ENE	92	95	187
10	·063	·988	·072	·032	84·4	83·8	79·0	80·5	87·5	75·5	12·0	140·0	52·5	72·6	2·9	ENE	ENE	86	91	177
11	·057	·937	·021	29·991	83·8	81·4	77·1	79·5	87·4	76·8	11·1	143·4	56·0	74·2	2·1	ENE	E by N	51	93	144
12	·042	·909	·025	·976	82·0	80·6	77·0	78·7	85·4	75·8	9·6	144·5	59·1	74·9	0·9	E	ESE	75	38	113
13	·055	·925	·043	·993	85·6	81·8	78·8	80·1	86·6	75·0	11·6	738·4	51·8	73·2	1·8	E by S	ENE	49	129	178
14	·052	·968	·062	30·017	84·6	83·4	78·8	80·5	87·2	75·9	11·3	137·0	49·8	72·9	3·0	NE by E	ENE	114	110	224
15	·056	·947	·035	·000	81·6	82·6	78·8	79·3	86·6	74·9	11·7	140·3	53·7	71·5	3·4	NE by E	NE by N	109	143	252
16	·037	·936	·018	29·985	83·8	80·9	79·4	79·0	86·3	72·9	13·4	135·7	49·4	69·8	3·1	NE by N	NE by N	109	159	268
17	·054	·933	·022	·989	82·8	81·0	78·8	80·0	86·0	78·1	7·9	137·6	51·6	76·8	1·3	NE	NE	168	167	335
18	·053	·961	·044	30·008	84·4	82·6	78·8	80·5	87·3	77·0	10·3	139·7	52·4	74·6	2·4	NE	NE	125	119	244
19	·072	·969	·030	·012	84·4	82·6	73·2	70·0	87·2	72·9	14·3	140·0	52·8	70·0	2·9	NE by N	NE by N	71	90	161
20	·078	·989	·051	·025	79·8	82·6	73·6	76·1	86·4	69·5	16·9	142·5	56·1	66·3	3·2	NNE	NNE	42	86	128
21	·075	·964	·048	·016	84·4	82·0	73·9	77·3	86·9	70·2	16·7	140·1	53·2	67·5	2·7	NE by E	NE	41	71	112
22	·047	·928	·017	29·983	85·0	82·7	78·3	78·8	86·5	69·9	16·6	137·1	50·6	66·3	3·6	NE by E	NE by E	55	133	188
23	·072	·961	·017	30·004	82·1	82·0	78·4	79·1	87·4	74·9	12·5	138·1	50·7	71·3	3·6	NE by N	NE	102	142	244
24	·068	·951	·016	29·998	83·2	81·2	78·1	79·4	86·2	76·0	10·2	138·3	52·1	73·3	2·7	N by E	NNE	119	178	297
25	·039	·954	·040	30·001	82·9	82·1	73·0	77·3	86·6	72·2	14·4	142·4	55·8	...	...	NNE	N by E	111	97	208
26	·068	·939	·012	29·991	80·8	80·8	76·2	76·9	85·8	70·8	15·0	139·5	53·7	67·0	3·8	N by E	N by E	72	128	200
27	·042	·921	29·985	·969	83·1	80·8	77·0	77·1	86·8	69·2	17·6	139·4	52·6	65·7	3·5	NNE	NNE	63	115	178
28	29·995	·880	·974	·937	83·5	81·8	74·5	77·2	87·4	70·3	17·1	138·1	50·7	66·7	3·6	NNE	NNE	48	79	127
29	·974	·885	·959	·915	82·6	83·7	78·4	79·0	87·9	72·4	15·5	140·1	52·2	69·7	2·7	NE by E	NE by N	55	104	159
30	·967	·849	·943	·906	82·4	82·7	77·8	78·7	87·0	73·1	13·9	145·0	58·0	70·3	2·8	E by S	E by N	21	62	83
	·949	·815	·896	·871	82·1	83·1	78·8	78·8	87·0	72·5	14·5	142·3	55·3	69·3	3·2	E by S	E by S	24	63	87
	30·039	29·931	30·014	29·982	82·7	81·7	77·4	78·6	86·3	73·6	12·7	138·4	52·1	71·2	2·4	...	...	79·9	109·4	189·3

Date	Temperature of Evaporation					Computed Vapour Tension					Relative Humidity					Rain	Cloud			Cloud and other Weather Initials		
	10 hours	16 hours	22 hours	Mean	Min	10 hours	16 hours	22 hours	Mean	From Min	10 hours	16 hours	22 hours	Mean	From Min	Inches	10 hours	22 hours	Mean	10 P M to 10 A M	10 A M to 10 P M	
1	75·6	74·1	73·7	73·7	71·4	·857	·814	·726	·810	·750	91	91	94	93	93	3·93	10	10	10·00	*o. r.*	*o. r.*	
2	74·7	73·9	72·1	73·4	73·0	·804	·747	·710	·766	·797	82	71	75	81	94	...	9	5	7·00	K. *cloudy.*	K. ☰ *pc.*	
3	74·9	75·0	74·1	73·5	69·9	·746	1·095	·796	·752	·708	63	66	84	76	90	...	3	3	3·00	K. ☰ *pc.*	K. ☰ *pc.*	
4	76·3	75·1	73·4	73·9	70·8	·799	·768	·749	·758	·699	68	68	76	73	81	0·17	7	3	5·00	K. *pc.*	K. ☰ *pc.*	
5	75·4	74·8	73·1	73·8	71·9	·794	·799	·732	·797	·765	73	76	73	79	93	0·02	8	10	9·00	K. *cloudy.*	K. *cloudy.*	
6	75·6	74·5	73·5	73·5	70·3	·791	·760	·741	·750	·702	70	71	73	75	86	0·61	10	8	9·00	*o. r.*	K. *cloudy.*	
7	75·1	73·1	72·2	72·9	71·0	·762	·707	·697	·729	·718	67	67	70	72	86	...	10	10	10·00	*o.*	*o.*	
8	75·2	75·0	73·9	74·1	72·1	·828	·807	·801	·794	·740	84	79	86	84	84	0·10	9	10	9·50	K. *cloudy.*	K. *cloudy. r.* & *g.*	
9	73·1	75·6	74·2	74·1	73·6	·701	·829	·799	·784	·807	65	82	84	80	93	0·86	9	9	9·00	K. *cloudy.*	K. *cloudy.*	
10	77·3	77·6	76·5	76·4	73·5	·865	·860	·879	·855	·799	74	75	89	82	90	...	6	3	4·50	K. *pc.*	K. ☰ *pc.*	
11	78·6	77·4	75·9	76·7	74·7	·909	·885	·884	·879	·837	78	83	94	87	93	0·08	6	5	5·50	K. *pc. r.*	K. ☰ *pc.* & *g.*	
12	75·6	75·1	75·0	74·8	73·3	·796	·795	·843	·816	·787	73	76	91	82	88	0·08	8	8	8·00	K. *cloudy.*	K. *cloudy.*	
13	77·0	75·8	73·7	75·0	73·6	·814	·814	·762	·801	·808	66	75	78	78	93	0·01	6	3	4·50	K. *pc.*	K. *pc.*	
14	76·1	75·3	73·9	74·3	72·0	·786	·771	·774	·765	·732	66	67	78	73	82	...	4	5	4·50	K. ☰ *pc.*	K. ☰ *pc.*	
15	75·6	73·9	72·8	73·4	71·4	·803	·724	·728	·742	·723	75	64	74	74	84	...	6	4	5·00	K. *pc.*	K. ☰ *pc.*	
16	74·8	72·6	72·1	72·4	70·1	·740	·689	·691	·709	·698	64	66	69	72	86	...	5	7	6·00	Ck. *pc.*	K. *cloudy.*	
17	74·5	73·5	72·1	73·0	72·0	·743	·725	·699	·719	·706	66	69	73	70	74	...	9	8	8·50	K. *cloudy.*	K. *cloudy.* Ψ	
18	75·8	74·2	72·7	73·5	71·3	·779	·731	·722	·722	·691	66	65	74	71	74	...	7	8	7·50	K. *cloudy.*	C. *cloudy.*	
19	74·8	72·3	70·9	72·2	70·6	·741	·656	·730	·724	·720	62	59	89	74	89	...	5	2	3·50	K. *pc.*	K. ☰ *pc.*	
20	72·9	72·9	70·9	71·2	68·0	·719	·683	·725	·698	·666	70	61	87	77	92	...	4	3	3·50	K. *pc.*	K. ☰ *pc.*	
21	74·3	73·2	71·9	72·1	69·0	·713	·701	·759	·717	·697	60	64	90	76	95	...	3	4	3·50	K. ☰ *pc.*	K. *pc.*	
22	75·5	74·1	72·3	72·7	68·8	·756	·726	·706	·722	·692	63	65	72	74	95	...	4	4	4·00	K. ☰ *pc.*	K. *pc.*	
23	73·1	73·7	70·9	71·7	69·2	·692	·719	·659	·676	·639	63	66	68	68	73	...	5	4	4·50	K. *pc.*	K. ☰ *pc.*	
24	72·9	72·1	70·9	71·4	69·6	·675	·665	·664	·663	·638	59	62	69	66	71	...	5	3	4·00	K. *pc.*	K. ☰ *pc.*	
25	73·0	73·0	70·7	71·5	69·4	·678	·692	·722	·696	·680	60	63	88	74	85	...	6	3	4·50	K. *pc.*	K. ☰ *pc.*	
26	74·2	72·8	72·0	72·0	69·1	·814	·705	·730	·719	·688	72	67	81	77	91	...	8	5	6·50	C. *hazy cloudy.*	K. *pc.*	
27	71·9	71·9	70·8	70·7	68·1	·636	·665	·672	·664	·672	56	62	72	71	95	...	3	4	3·50	K. ☰ *pc.*	K ☰ *pc.*	
28	73·8	72·9	71·1	71·5	68·2	·703	·692	·715	·692	·665	61	63	84	75	90	...	3	2	2·50	K. ☰ *pc.*	K. *b.*	
29	74·8	75·8	73·9	73·5	69·4	·758	·786	·780	·752	·680	68	68	80	76	85	...	3	3	3·00	K. ☰ *pc.*	K. *pc.*	
30	75·6	76·0	74·1	74·3	71·5	·798	·809	·794	·787	·753	72	73	83	80	93	...	5	4	4·50	K. *pc.*	K. *pc.*	
31	75·8	76·0	74·7	74·4	71·2	·810	·803	·803	·790	·749	74	71	82	80	94	...	5	2	3·50	Ck. *pc.*	K. *b.*	
Mean	75·0	74·3	72·9	73·3	70·9	·768	·762	·748	·750	·723	69	70	80	76	87	5·86	6·16	5·23	5·69			

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